CD RECEIVER

KDC-5070R/RY

SERVICE MANUAL

KENWOOD

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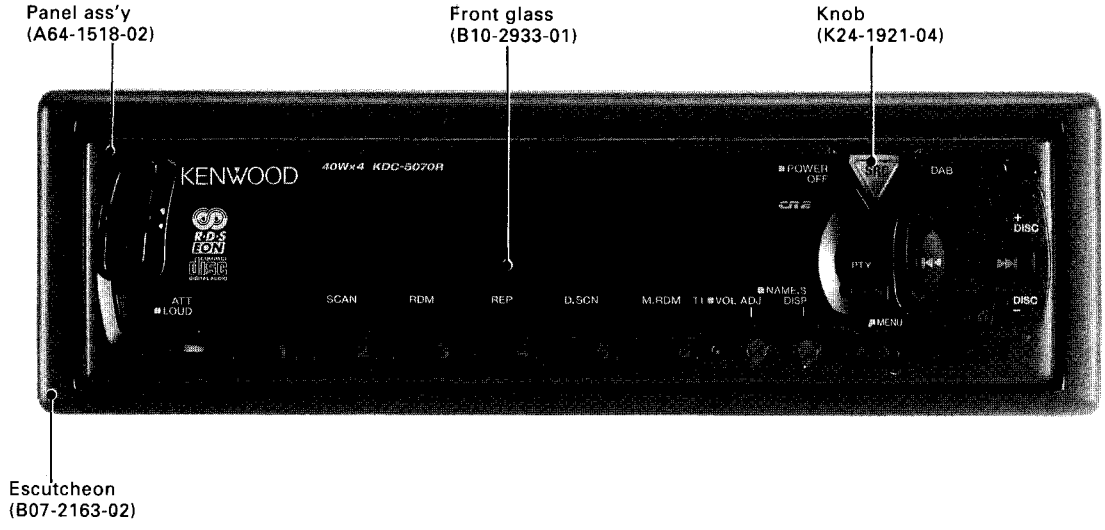

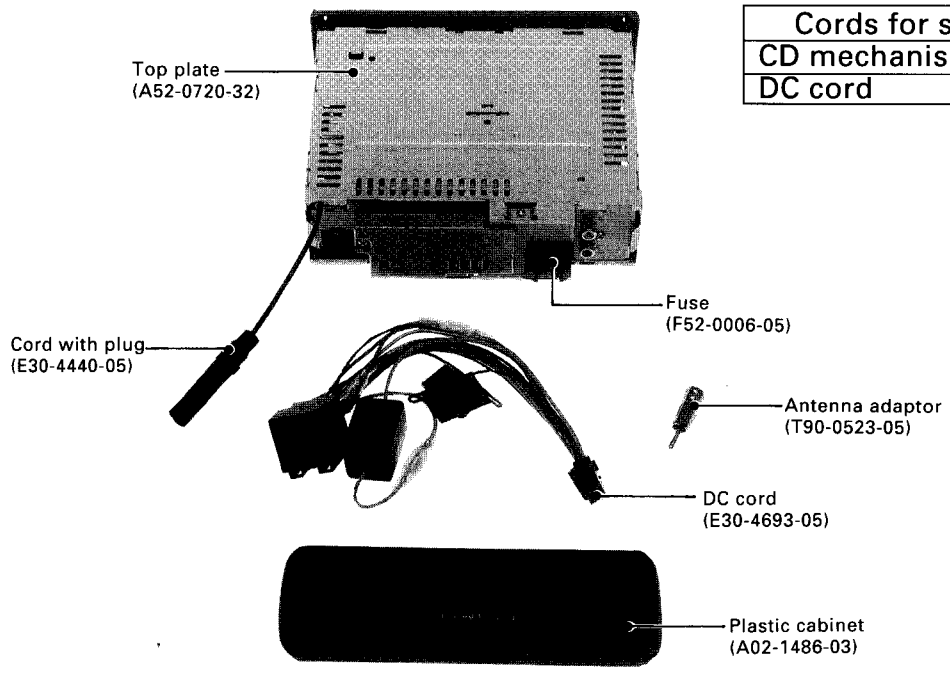

Cords for service	Parts No.
CD mechanism	W05-0618-00
DC cord	E30-4549-00

The MECHANISM OPERATION DESCRIPTION is the same as model KDC-5007 and KDC-5050RG. Please refer to the service manual of KDC-5007 (B51-7090-00) or KDC-5050RG (B51-7099-00).

KDC-5070R/RY

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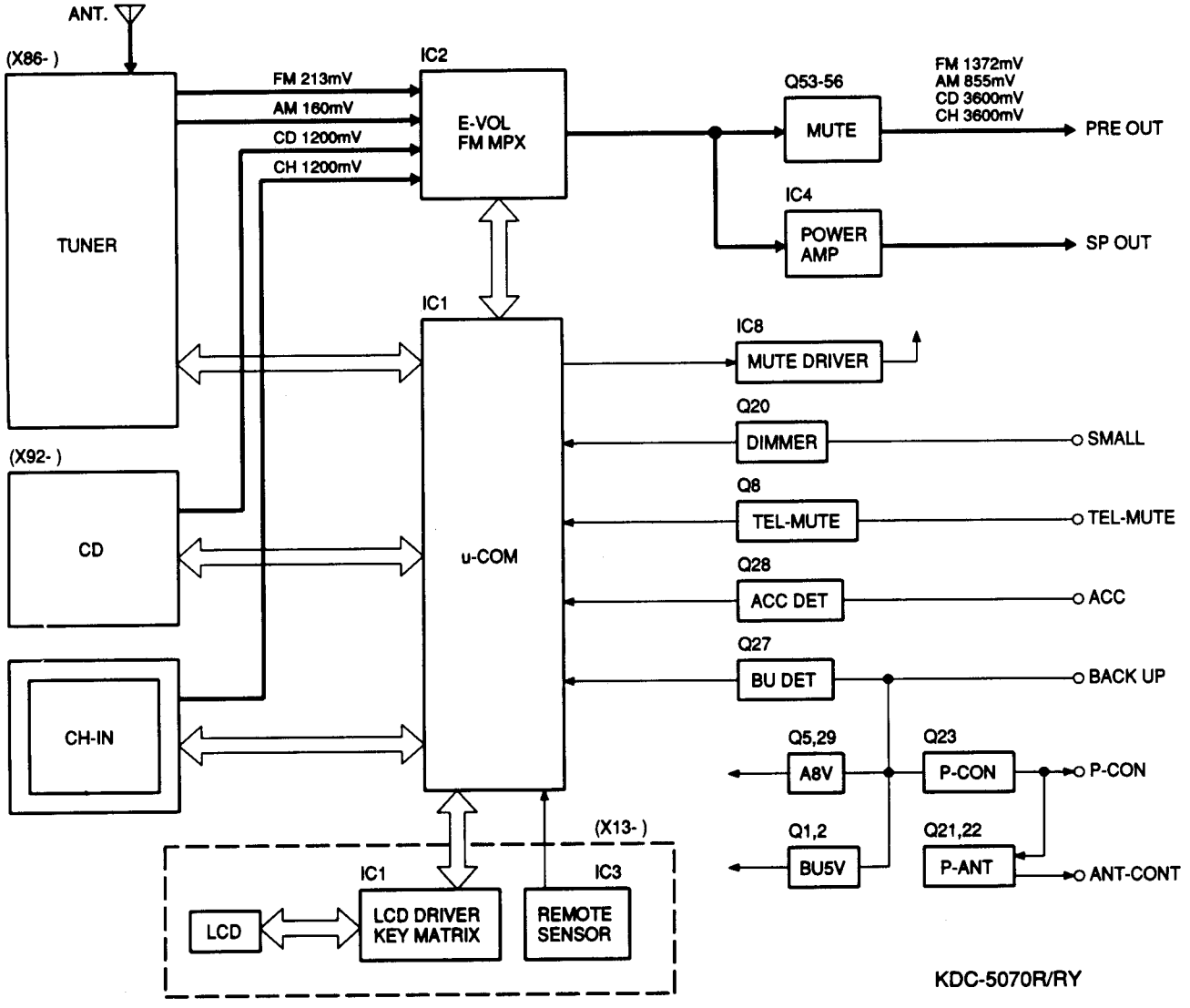
BLOCK LEVEL DIAGRAM



KDC-5070R/RY

MICROCOMPUTER'S DESCRIPTION

System μ-com : UPD784214GF (X25 : IC1)

Terminal description

Pin No.	Pin Name	I/O	Function	Description	Processing Operation
1	P60/A16	I	TYPE 0	Destination type terminal 0	
2	P61/A17	I	TYPE 1	Destination type terminal 1	
3	P62/A18	I	TYPE 2	Destination type terminal 2	
4	P63/A19	O	CH RST	Changer reset output	Active : H
5	P64/RD	O	NC	(Not used)	
6	P65/WR	O	NC	(Not used)	
7	P66/WAIT	O	NC	(Not used)	
8	P67/ASTB	O	NC	(Not used)	
9	Vdd	-		Positive power supply terminal	
10	P100/TI5/TO5	O	P STBY	Power IC standby terminal	Power ON : H
11	P101/TI6/TO6	O	SVR	Power IC reset terminal	Power ON : L
12	P102/TI7/TO7	O	NC	(Not used)	
13	P103/TI8/TO8	O	P MUTE	Power IC muting terminal	Active : H
14	P30/TO0	O	ANT CON	Antenna control terminal	Active : H
15	P31/TO1	O	NC	(Not used)	
16	P32/TO2	I	DIMMER	Small lamp detection terminal	Active : L
17	P33/TI1	O	P CON	Power control terminal	Active : H
18	P34/TI2	I	ACC DET	Acc detection terminal	ACC OFF : H
19	P35/TI00	I	REMO	Remote contol input terminal	
20	P36/TI01	O	P ON	μ-com peripheral power terminal	Active : H
21	P37	I	BU DET	Momentary power down detectin terminal	Momentary power down : H
22	TEST	-	TEST	Test terminal	
23	P90	I/O	IC2 SDA	IC2, IC5, EEPROM data line	
24	P91	O	IC2 SCK	IC2, IC5, EEPROM clock line	
25	P92	O	MUTE	Muting terminal	Active : H
26	P93	O	SW5	5V power supply terminal	Active : L
27	P94	O	NC	(Not used)	
28	P95	O	CHCON2	Changer 2 control terminal	Active : L
29	P120/RTP0	O	CHCON1	Changer 1 control terminal	Active : H
30	P121/RTP1	I	CH MUTE	Changer muting input terminal	Muting Requested : H
31	P122/RTP2	O	REQH	Handshake request to changers	Active : L
32	P123/RTP3	O	ILL ON	Illuminatin output terminal	Active : H
33	P124/RTP4	O	DSI	DSI output terminal	Active : H
34	P125/RTP5	O	M CLK	Clock line to CD mechanism	
35	P126/RTP6	O	M DATAS	Data line to CD mechanism	
36	P127/RTP7	I	M DATAM	Data line from CD mechanism	
37	Vdd	-		Positive power supply terminal	
38	X2	-		Main clock connection terminal	
39	X1	-		Main clock connection terminal	
40	Vss	-		GND	
41	XT2	-		Sub clock connection terminal	
42	XT1	-		Sub clock connection terminal	
43	RESET	I		Reset input terminal	Active : L
44	P00/INTP0	O	NC	Reset output to changers	Active : H
45	P01/INTP1	I	R CLK	RDS clock input terminal	
46	P02/INTP2/NMI	I	REQC	Handshake request from changers	Active : L
47	P03/INTP3	I	EJECT	Eject switch	Active : L
48	P04/INTP4	I	CD SW1	Loading switch detection terminal	ON : L
49	P05/INTP5	I	CD SW2	12cm disc detection switch terminal	ON : L
50	P06/INTP6	I	M SRQ	Handshake request from CD mechanism	Requested : L

KDC-5070R/RY

MICROCOMPUTER'S DESCRIPTION

Pin No.	Pin Name	I/O	Function	Description	Processing Operation
51	AVdd	-		A/D analog power supply terminal	
52	AVref0	-		A/D reference voltage input terminal	
53	P10/ANI0	I	PHONE	Phone detection terminal	1V or less : PHONE 2.5V or more : NAVI MUTE
54	P11/AINI1	I	NC	Input GND shorted	
55	P12/ANI2	I	NOISE	FM noise detection terminal	
56	P13/ANI3	I	SMETER	FM signal meter detection terminal	
57	P14/ANI4	I	NC	Input GND shorted	
58	P15/ANI5	I	NC	Input GND shorted	
59	P16/ANI6	I	TILT DET	Tilt-able panel detaching detection terminal	Panel detached : H
60	P17/ANI7	I	M MUTE	Muting request from CD mechanism	Muting Requested : L
61	AVss	-		A/D GND terminal	
62	P130/ANO0	O	M CS	Handshake request to CD mechanism	Requested : L
63	P131/AN01	O	M RST	Reset output to CD mechanism	Reset : L
64	AVref1	-		D/A reference voltage input terminal	
65	P70/RxD2/SI2	I	DATAC	Data line from changers	
66	P71/TxD2/SO2	O	DATAH	Data line to changers	
67	P72/ASCK2/SCK2	I/O	CH CLK	Clock line from/to changers	
68	P20/RxD1/SI1	I	L DATAL	Data line to LCD driver	
69	P21/TxD1/SO1	O	L DATAS	Data line from LCD driver	
70	P22/ASCK1/SCK1	O	L CLK	Clock line to LCD driver	
71	P23/PCL	O	M STOP	Stop request to CD mechanism	Stop Requested : L
72	P24/BUZ	O	BEEP	Beep output terminal	Active : H
73	P25/SI0/SDA0	O	PLL CE	CE output to PLL	
74	P26/SO0	O	PLL DATA	Data input/output with PLL	
75	P27/SCK0/SCL0	O	PLL CLK	Clock output to PLL	
76	P80/A0	I	CD SW3	DOWN switch detection terminal	ON : H
77	P81/A1	I/O	LO/EJ	CD mechanism Loading/Eject switching output terminal	Loading : L / Eject : H
78	P82/A2	O	MOSW	CD mechanism motor output terminal	Loading : H / Eject : L
79	P83/A3	O	L RES	(Not used)	
80	P84/A4	O	L CE	CE output to LCD driver	
81	P85/A5	I	PANEL	Panel tilting detection terminal	Panel tilted : H
82	P86/A6	O	EJECT ILL	Eject switch illumination terminal	Active : H
83	P87/A7	O	NC	(Not used)	
84	P40/AD0	I	QUAL	RDS receiving condition	
85	P41/AD1	I	R DATA	RDS data input terminal	
86 - 89	P42-45/AD2-5	O	NC	(Not used)	
90	P46/AD6	I	FM SD	FM SD input terminal	Station detected : H Not detected : L
91	P47/AD7	O	NC	(Not used)	
92	P50/A8	O	AFC	Noise detection time constant switching terminal	During reception : H Durjing search : L
93	P51/A9	O	LO/DX	LOCAL output terminal	Local : H / Normal : L
94	P52/A10	O	NC	(Not used)	
95	P53/A11	O	NC	(Not used)	
96	P54/A12	O	AM+B	AM power terminal	Active : H
97	P55/A13	O	FM+B	FM power terminal	Active : H
98	P56/A14	I	ST TYPE0	IC2 Ver.2 destination type terminal 0	Initial value : L
99	P57/A15	I	ST TYPE1	IC2 Ver.2 destination type terminal 1	Initial value : L
100	Vss	-		GND	

TEST MODE

● TEST MODE

1. To enter test mode

While holding the [FM] key and preset [6] key, reset the unit.

All indication segments are ON at the beginning of test mode.

2. To release test mode

Simply reset the unit.

(NOTE):

The test mode is not canceled by ACO OFF, power OFF, momentary power down or the panel detaching.

3. FM signal meter voltage adjustment

1) Enter test mode.
2) Receive 98.1MHz with the SG and set the ANT input level to 35dBμ. The modulation should be off during this.
3) While holding preset [1] key, press and hold preset [6] key for a few seconds.
4) "ADJ OK" is displayed if the adjustment is OK and "ADJ NG" is displayed if it is not good.

4. AM SD voltage writing

1) Enter test mode.
2) Receive 999kHz or 1000kHz with the SG and set the ANT input level to 35dBμ.
   The modulation should be off during this.
3) While holding preset [1] key, press and hold preset [6] key for a few seconds to write the SD voltage.

5. CDreceiver test mode specification

Pressing the [▶▶|] key jumps between tracks in the following order.

No.9 → No.15 → No.10 → No.11 → No.12 → No.13 → No.14 → No.19 (Same as the biginning)

Pressing the [|◀◀] key jumps to the previous track to the track being played.

6. Audio adjustments

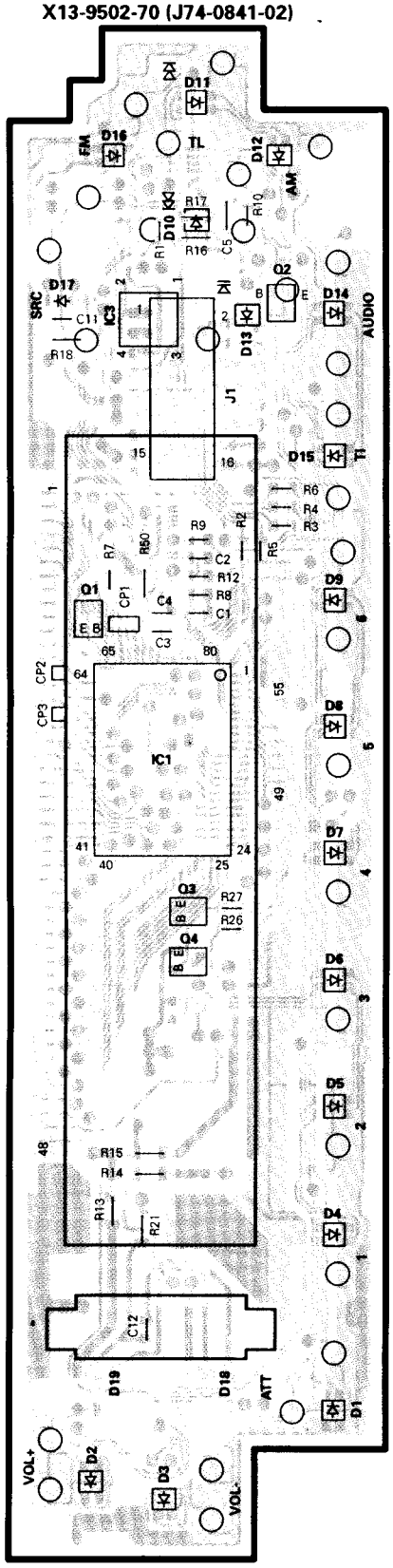
- The volume is set to -10dB (which is shown as 30).
- The BASS/TREBLE and BALANCE/FADER controls can be set to the full boost/full cut and full front/full rear respectivily by pressing the [△]/[▽] keys.
- The high pass filter can be set to 220Hz/through by pressing the [△]/[▽] keys.
- Note that, however, the non-fader control is varied in +1dB/-1dB steps by pressing the [△]/[▽] keys.

PC BOARD

(Component side view)

SWITCH UNIT (X13-9502-70)

X13-9502-70 (J74-0841-02)

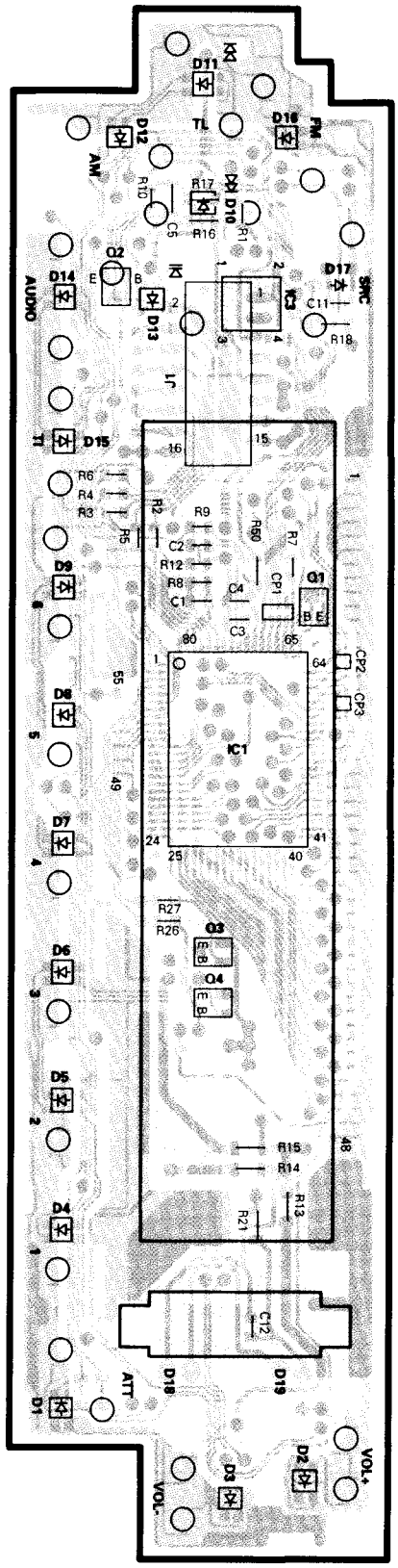


Ref No.	Adress
IC1	4B
IC3	3A
Q1	4A
Q2	2B
Q3	5B
Q4	5B

(Foil side view)

SWITCH UNIT (X13-9502-70)

X13-9502-70 (J74-0841-02)

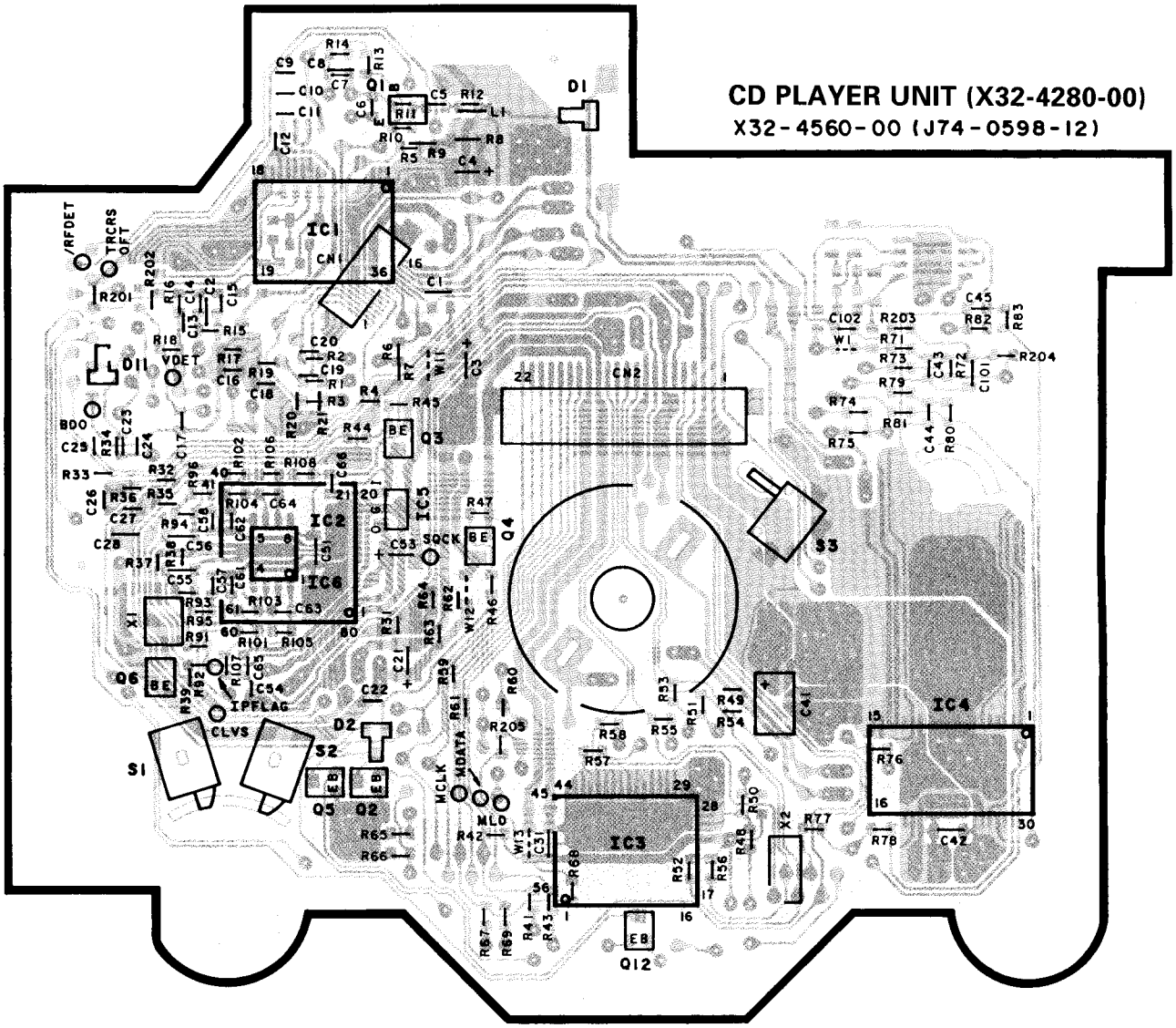


Ref No.	Adress
IC1	4D
IC3	3D
Q1	4D
Q2	2C
Q3	5D
Q4	5D

Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD

(Component side view)

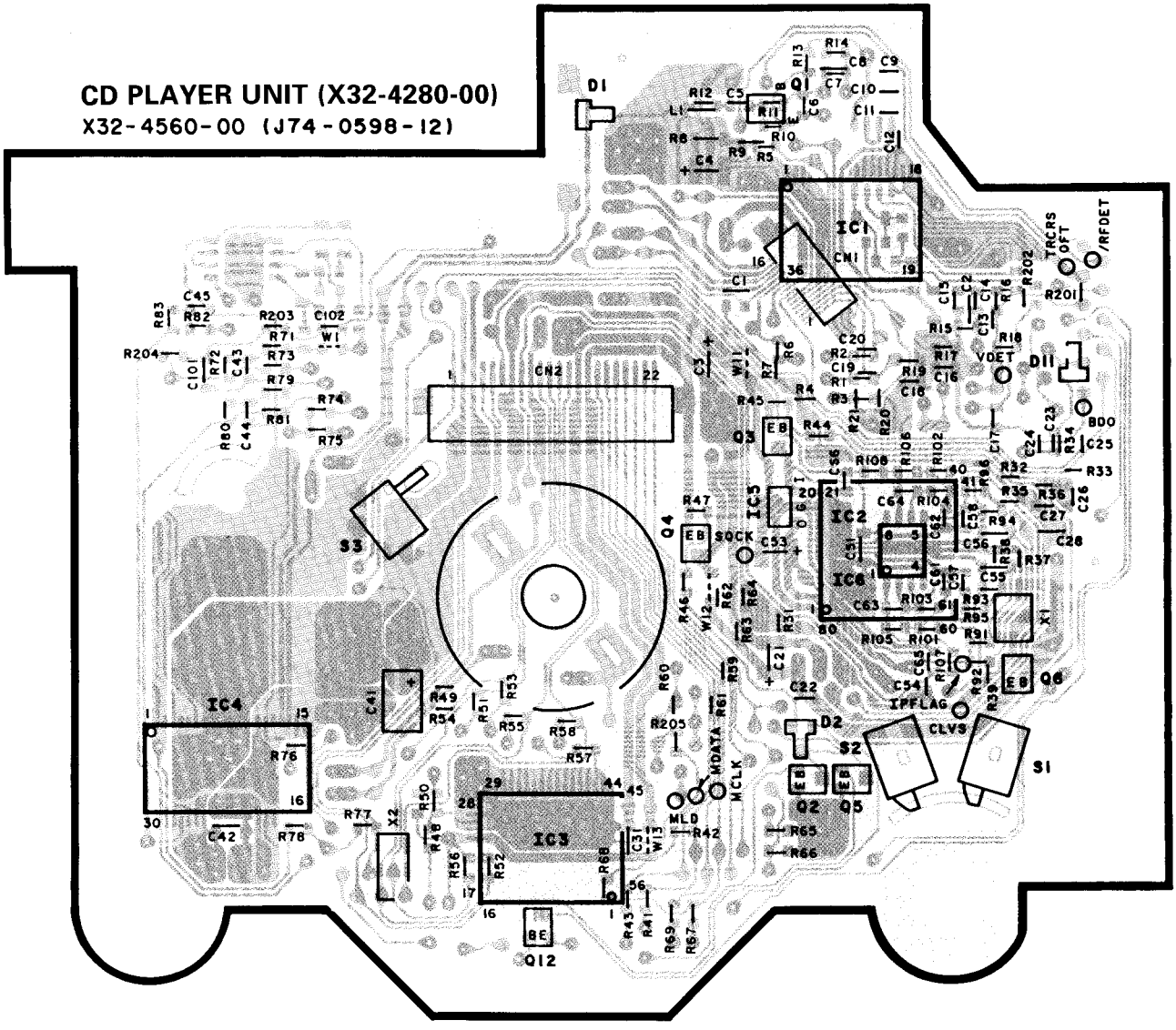


Ref No.	Adress
. IC1	2G
IC2	3G
IC3	5H
IC4	4I
IC5	3H
IC6	4G

Ref No.	Adress
Q1	2G
Q2	4G
Q3	3G
Q4	3H
Q5	4G
Q6	4G
Q12	5H

(Foil side view)

CD PLAYER UNIT (X32-4280-00)
X32-4560-00 (J74-0598-12)



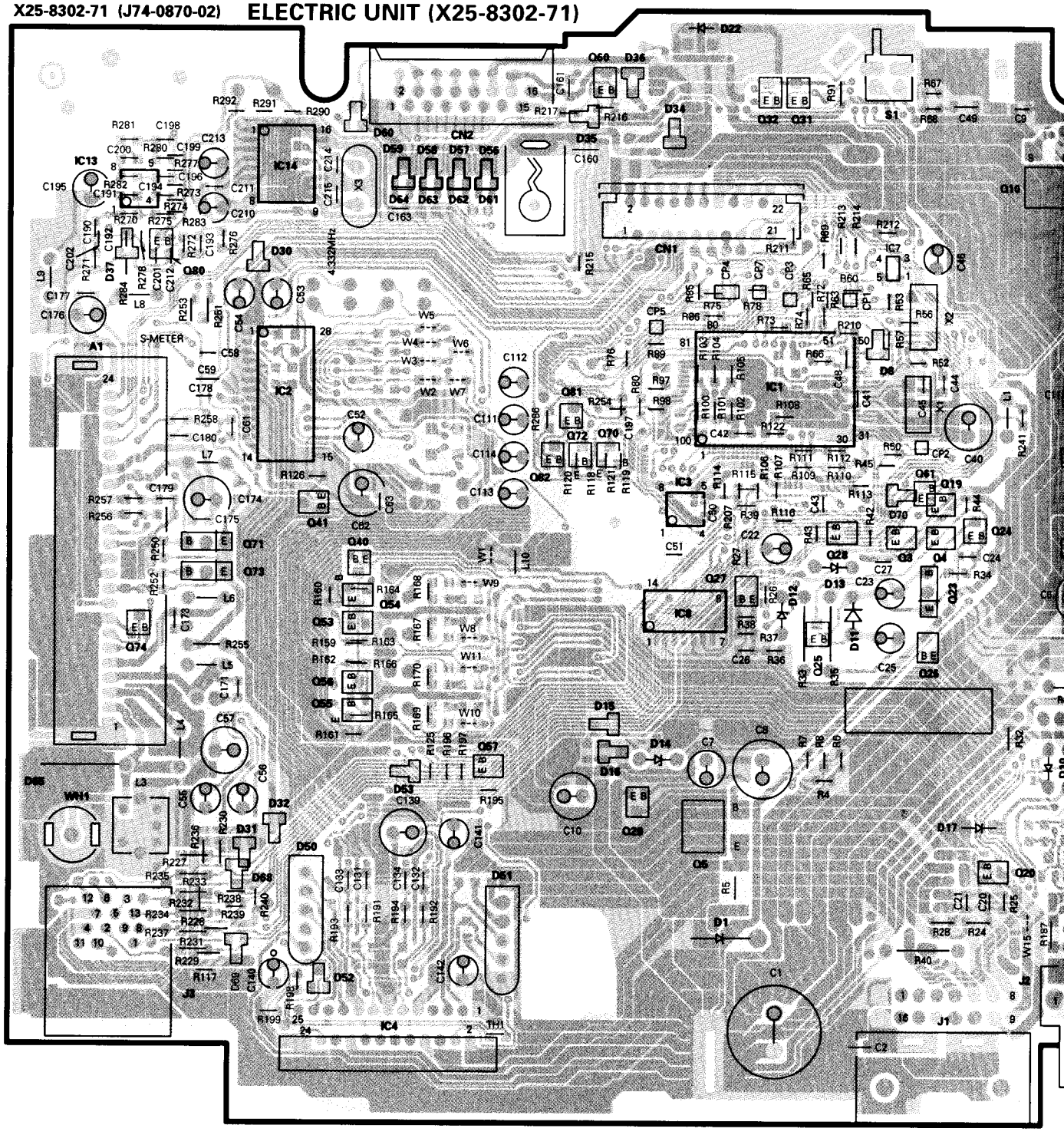
Ref No.	Adress
IC1	2N
IC2	3N
IC3	5M
IC4	4L
IC5	3M
IC6	4N

Ref No.	Adress
Q1	2N
Q2	4N
Q3	3M
Q4	.3M
Q5	4N
Q6	4N
Q12	5M

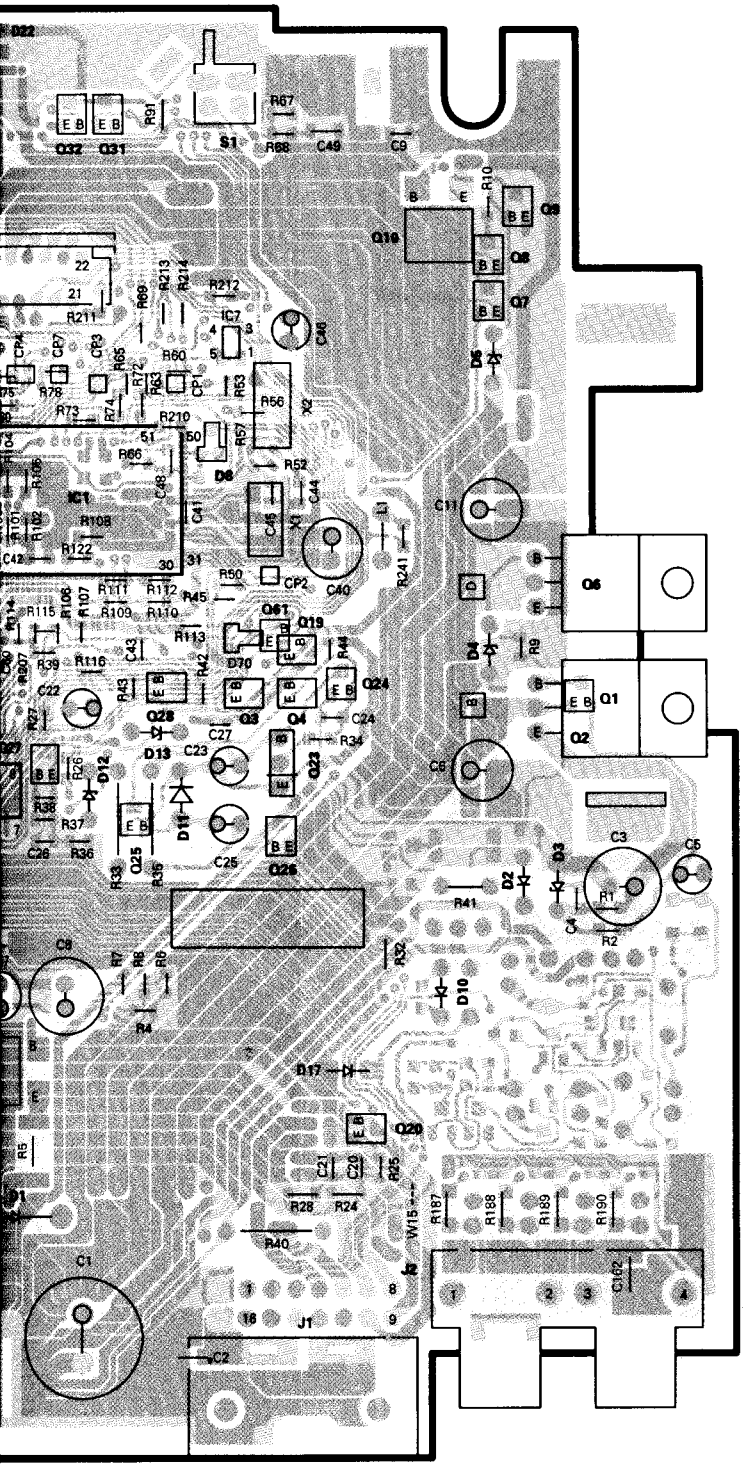
Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (Component side view)

X25-8302-71 (J74-0870-02) ELECTRIC UNIT (X25-8302-71)

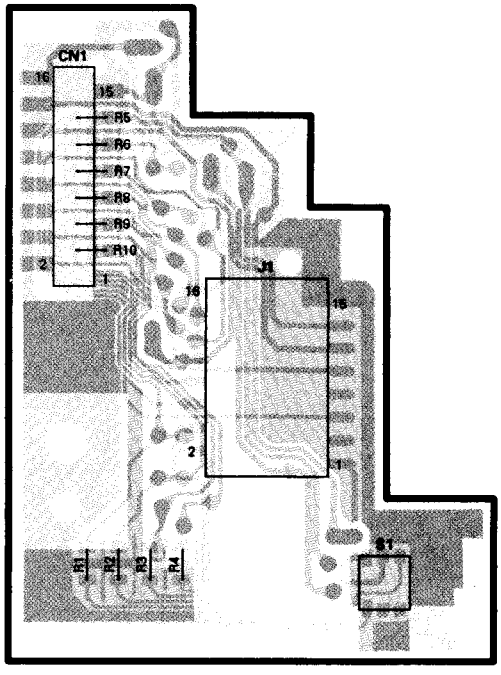


Refer to the schematic diagram for the values of resistors and capacitors.



DAUGHTER UNIT (X89-2362-70)

X89-2362-70
(J74-0720-12)



Ref No.	Adress
IC1	3T
IC2	3Q
IC3	4S
IC4	6R
IC7	3T
IC8	4S
IC13	2Q
IC14	2Q
Q1	4U
Q2	4Q
Q3	4T
Q4	4T
Q5	5S
Q6	4U
Q7	3U
Q8	2U

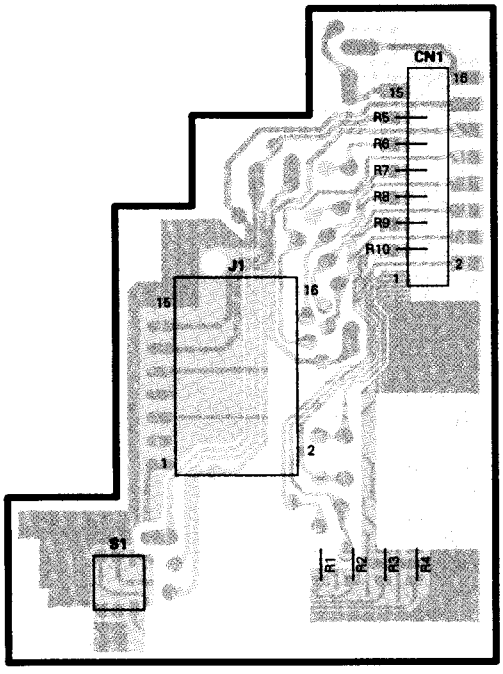
Ref No.	Adress
Q9	2U
Q10	2U
Q19	4T
Q20	5T
Q23	4T
Q24	4T
Q25	4T
Q26	4T
Q27	4S
Q28	4T
Q29	5S
Q31	2T
Q32	2S
Q40	4R
Q41	4R
Q53	4R

Ref No.	Adress
Q54	4R
Q55	5R
Q56	5R
Q57	5R
Q60	2S
Q61	4T
Q70	4S
Q71	4Q
Q72	4S
Q73	4Q
Q74	4Q
Q80	2Q
Q81	3S
Q82	4R

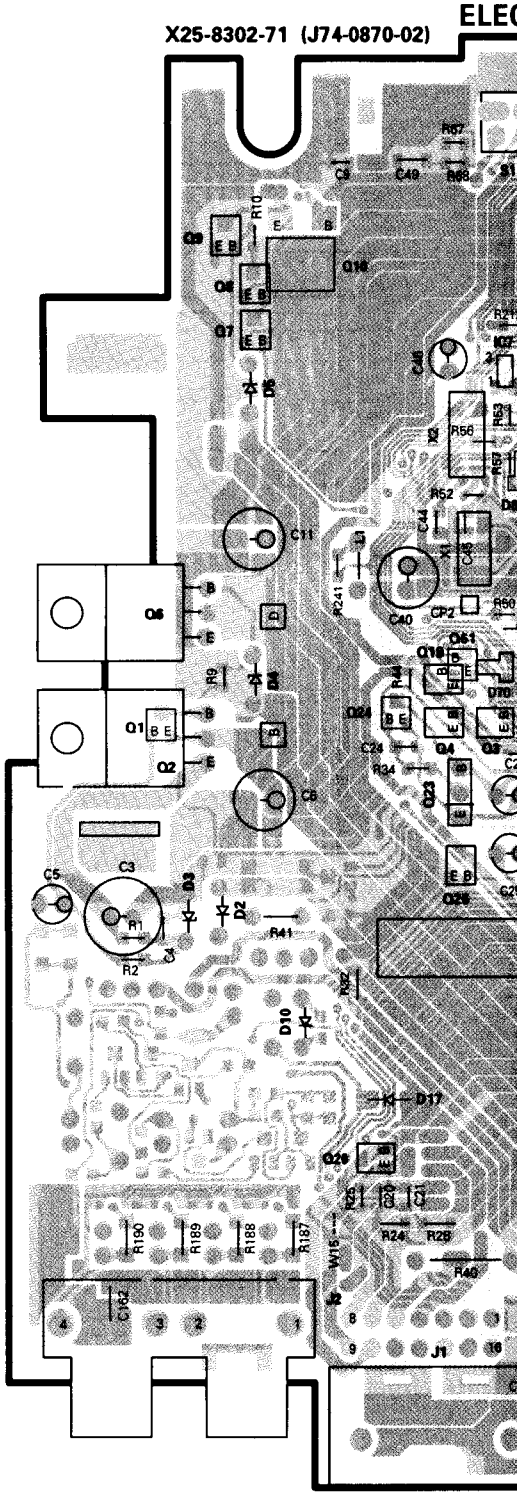
PC BOARD (Foil side view)

DAUGHTER UNIT (X89-2362-70)

X89-2362-70
(J74-0720-12)



X25-8302-71 (J74-0870-02)



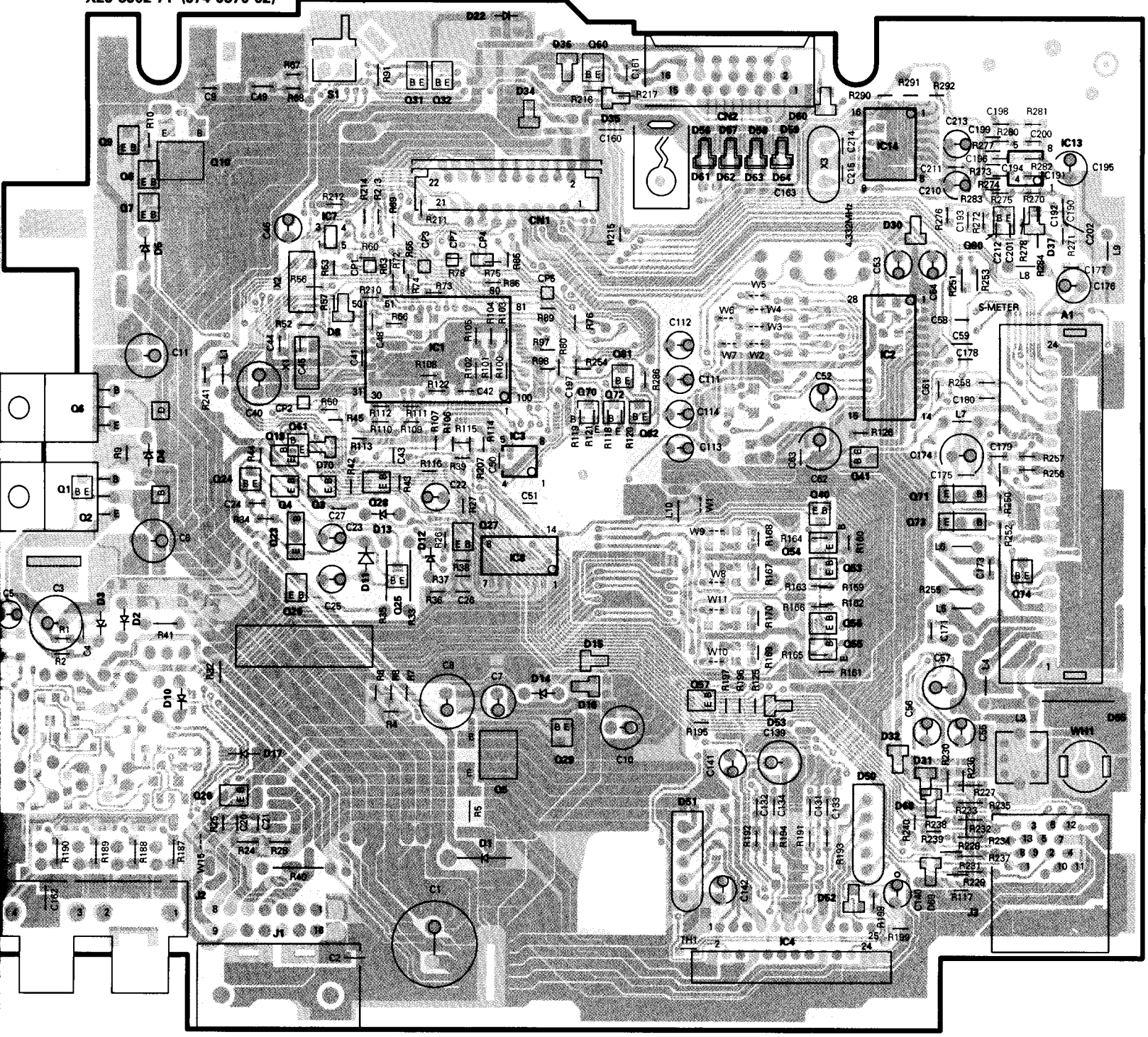
Ref No.	Adress
IC1	3AE
IC2	3AG
IC3	4AF
IC4	6AG
IC7	3AE
IC8	4AF
IC13	2AH
IC14	2AG
Q1	4AD
Q2	4AD
Q3	4AF
Q4	4AE
Q5	5AF
Q6	3AD
Q7	2AD
Q8	2AD

Ref No.	Adress
Q9	2AD
Q10	2AD
Q19	4AF
Q20	5AD
Q23	4AE
Q24	4AD
Q25	4AE
Q26	4AE
Q27	4AE
Q28	4AE
Q29	5AF
Q31	2AE
Q32	2AE
Q40	4AG
Q41	4AG
Q53	4AG

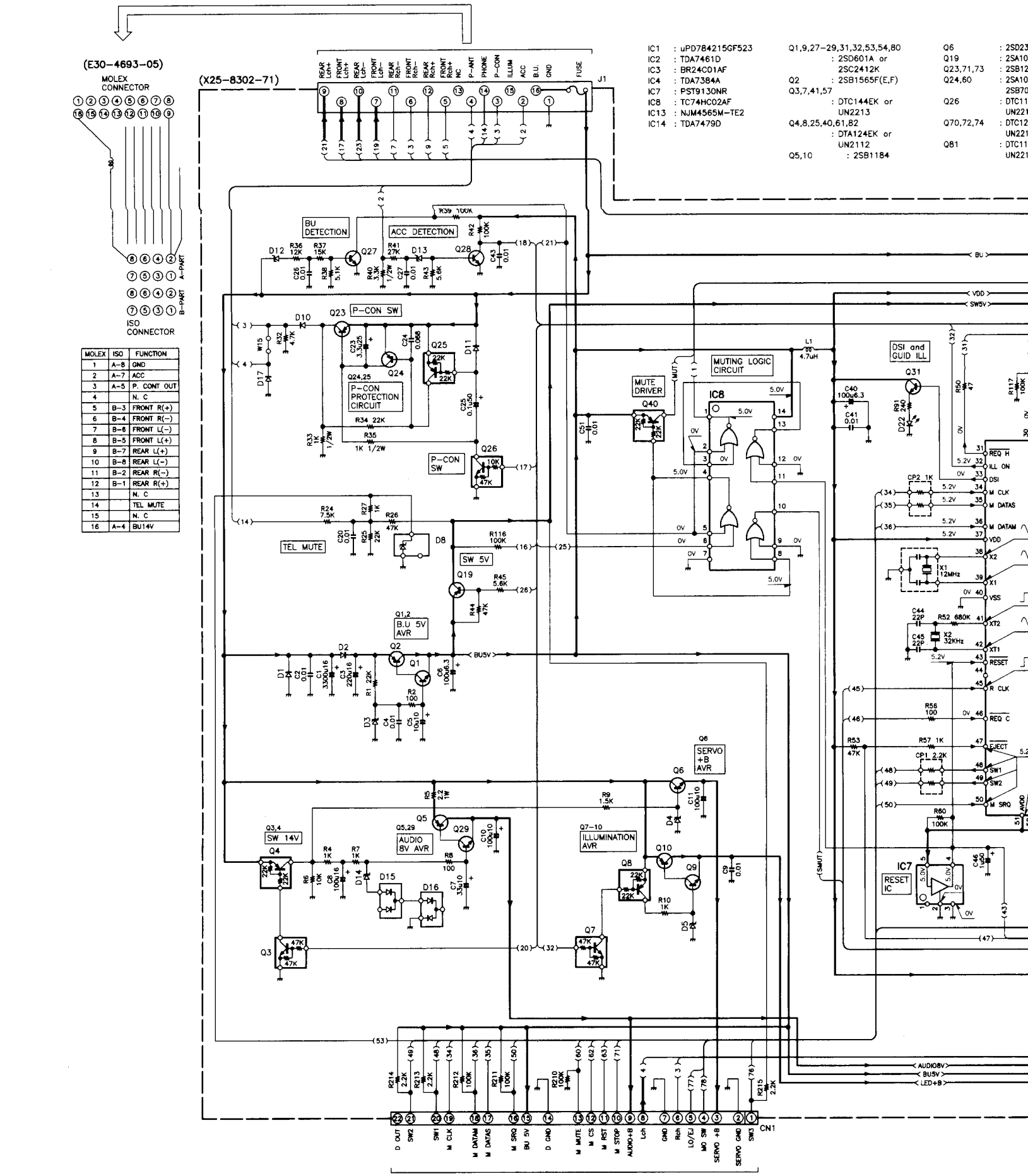
Ref No.	Adress
Q54	4AG
Q55	4AG
Q56	5AG
Q57	5AF
Q60	2AF
Q61	4AE
Q70	3AF
Q71	4AH
Q72	3AF
Q73	4AH
Q74	4AH
Q80	2AH
Q81	3AF
Q82	3AF

ELECTRIC UNIT (X25-8302-71)

X25-8302-71 (J74-0870-02)

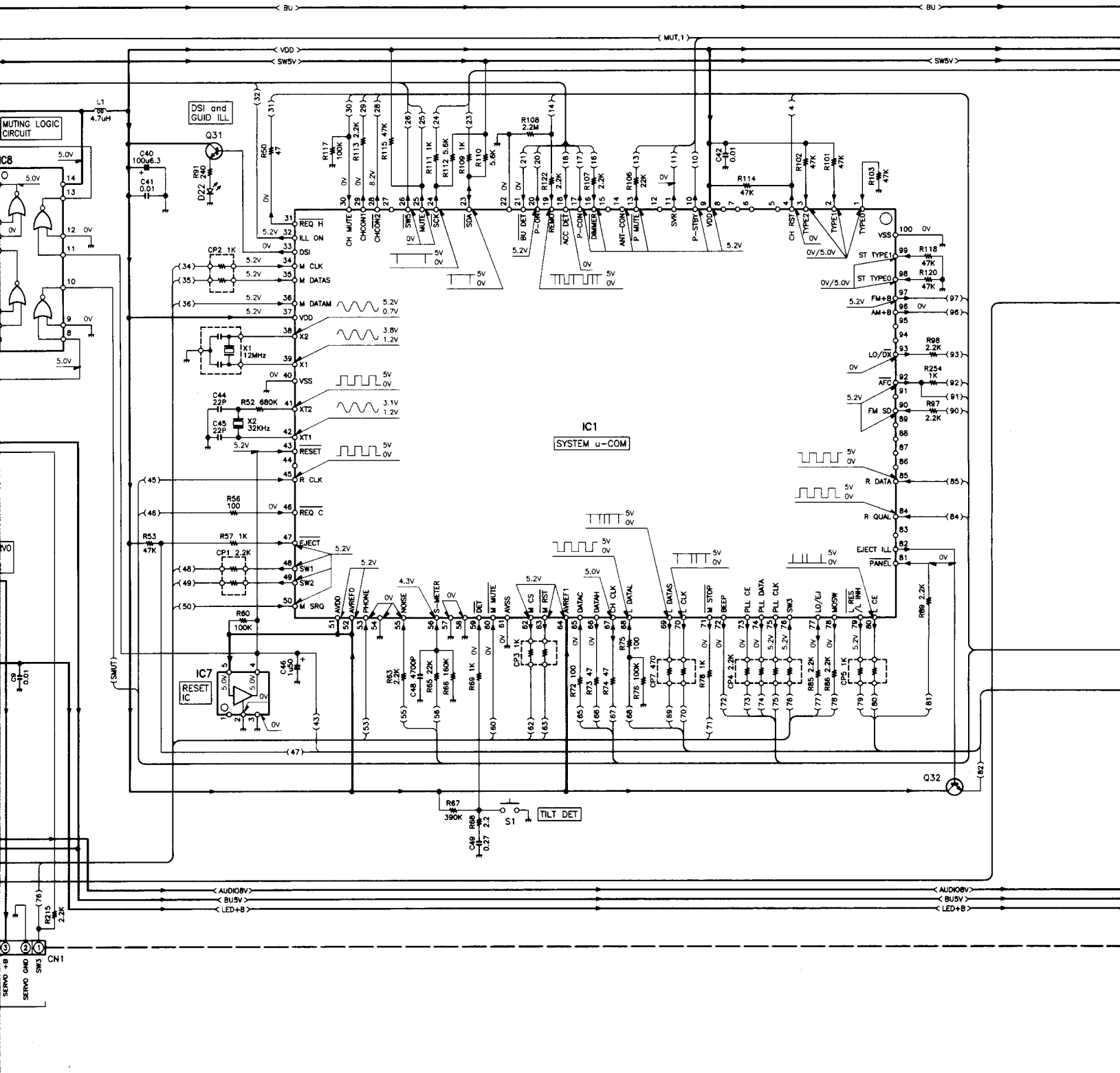


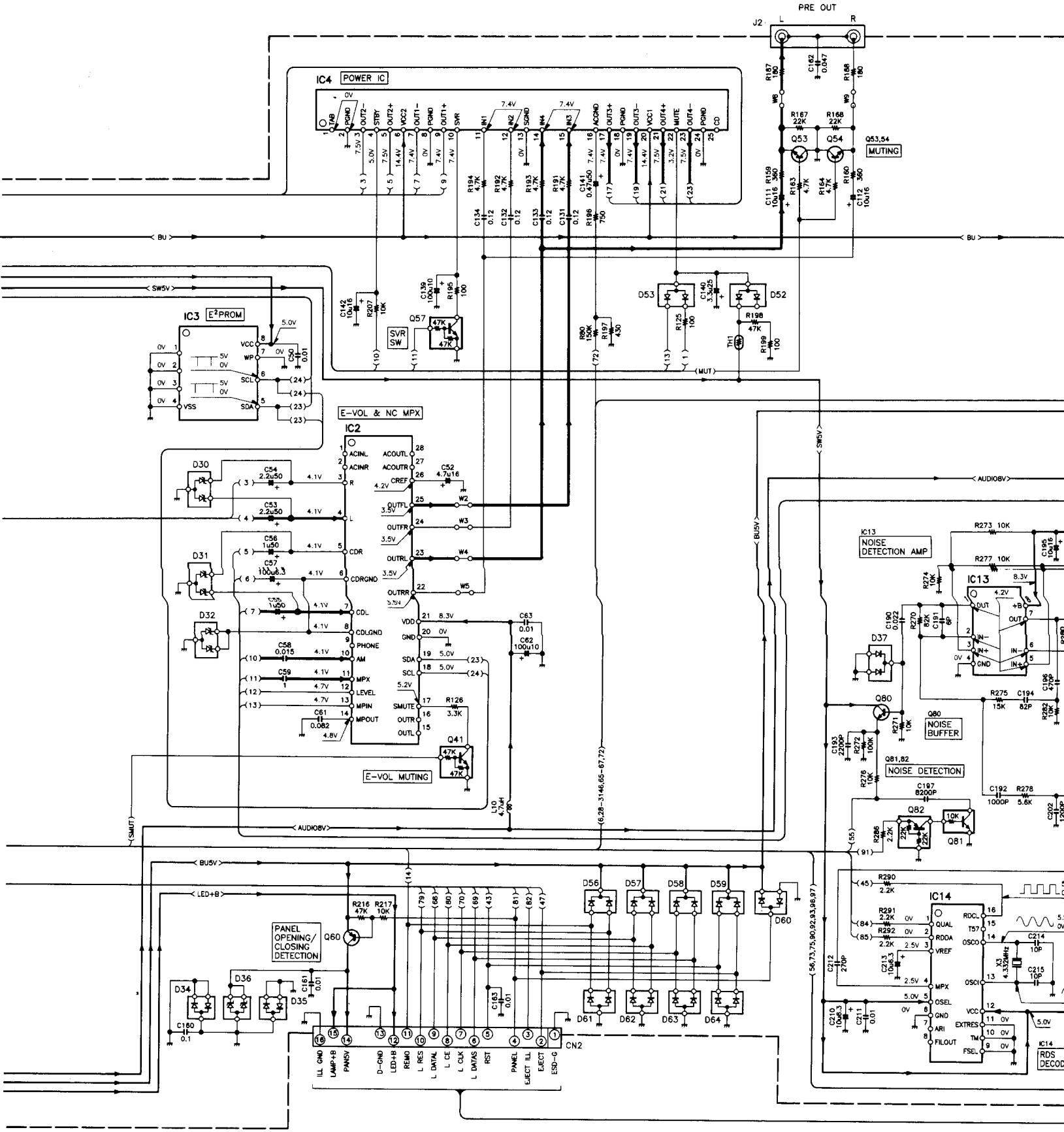
Refer to the schematic diagram for the values of resistors and capacitors.



MOLEX	ISO	FUNCTION
1	A-8	GND
2	A-7	ACC
3	A-5	P. CONT OUT
4		N. C
5	B-3	FRONT R(+)
6	B-4	FRONT R(-)
7	B-6	FRONT L(-)
8	B-5	FRONT L(+)
9	B-7	REAR L(+)
10	B-8	REAR L(-)
11	B-2	REAR R(-)
12	B-1	REAR R(+)
13		N. C
14		TEL MUTE
15		N. C
16	A-4	BU14V

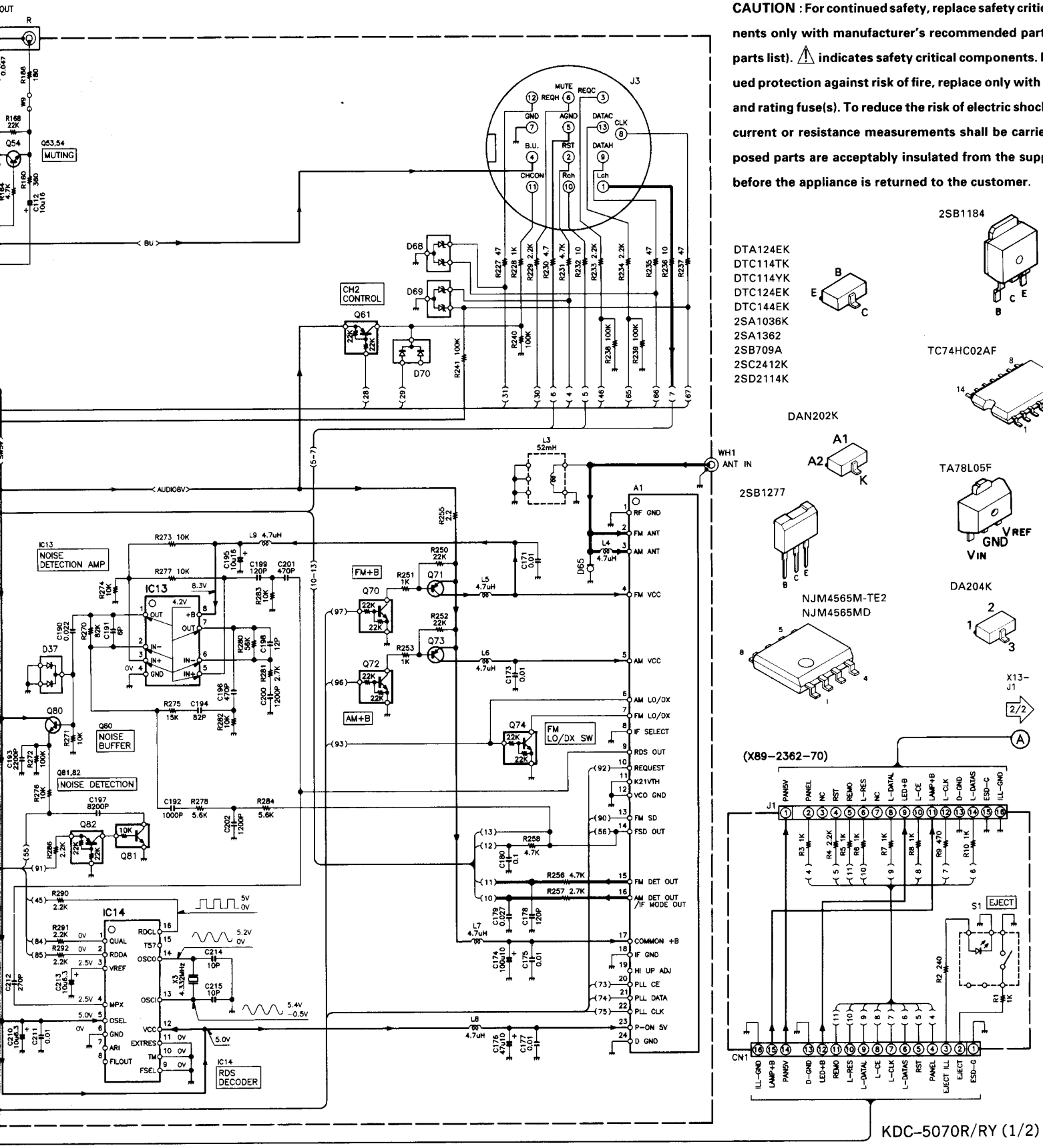
4215GF523	Q1,9,27–29,31,32,53,54,80 : 2SD601A or 2SC2412K	Q6 : 2SD2396F40	D1 : RM10ZLF	D16,34,35,54,60 : DA204K
31D	Q2 : 2SB1565F(E,F)	Q19 : 2SA1036K	D2,10 : AM01Z or ERA15-01	D17 : D1F60
01AF	Q3,7,41,57 : DTC144EK or UN2213	Q23,71,73 : 2SB1277(Q,R)	D3,12,13 : MA4056(N)-M	D22 : B30-1424-05
44A	Q4,8,25,40,61,82 : DTA124EK or UN2112	Q24,60 : 2SA1037K or 2SB709A	D4 : MA4082(N)-L	D30–32 : RD6.8MW
30NR	Q5,10 : 2SB1184	Q26 : DTC114YK or UN2214	D5 : MA4110-L	D36,68,69 : MA3062WA or UZMA6.2F
C02AF		Q70,72,74 : DTC124EK or UN2212	D8 : HZM4.7N(B2) or MA3047-M	D52,53,61–64 : MA152WA or DAP202K
85M-TE2		Q81 : DTC114TK or UN2215	D11 : 1SS133	D65 : DSP-301N-A21F
79D			D14 : MA4068(N)-M	
			D15,37,56–59,70 : MA152WK or DAN202K	




PRE OUT
J2
L
R
IC4
POWER IC
Q53,54
MUTING
BU
SW5V
IC3
E²PROM
SVR
SW
Q57
D53
D52
E-VOL & NC MPX
IC2
ACINL
ACINR
ACOUTL
ACOUTR
CREF
OUTFL
OUTFR
OUTRL
OUTRR
VDD
GND
SDA
SCL
SMUTE
OUTR
OUTL
CDR
CDRGND
CDL
CDLGND
PHONE
AM
MPX
LEVEL
MPIN
MPOUT
D30
D31
D32
E-VOL MUTING
Q41
AUDIO8V
BU5V
LED+B
IC13
NOISE
DETECTION AMP
Q80
NOISE
BUFFER
Q81,82
NOISE DETECTION
Q82
Q81
D37
IC14
RDS
DECOD
PANEL
OPENING/
CLOSING
DETECTION
Q60
D34
D35
D36
D56
D57
D58
D59
D60
D61
D62
D63
D64
CN2
ILL GND
LAMP+B
PANSW
D-GND
LED+B
REMO
L RES
L DATAL
L CE
L CLK
L DATAS
RST
PANEL
EJECT ILL
EJECT
ESD-G

DC voltages are as measured with a high impedance voltmet
Values may vary slightly due to variations between individual inst
ments or/and units.

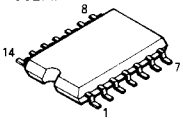
CAUTION : For continued safety, replace safety critical comp
nents only with manufacturer's recommended parts (refer
parts list). ⚠ indicates safety critical components. For cont
ued protection against risk of fire, replace only with same ty
and rating fuse(s). To reduce the risk of electric shock, leakag
current or resistance measurements shall be carried out (e
posed parts are acceptably insulated from the supply circu
before the appliance is returned to the customer.



DTA124EK
DTC114TK
DTC114YK
DTC124EK
DTC144EK
2SA1036K
2SA1362
2SB709A
2SC2412K
2SD2114K

2SB1184

TC74HC02AF



DAN202K

2SB1277

TA78L05F

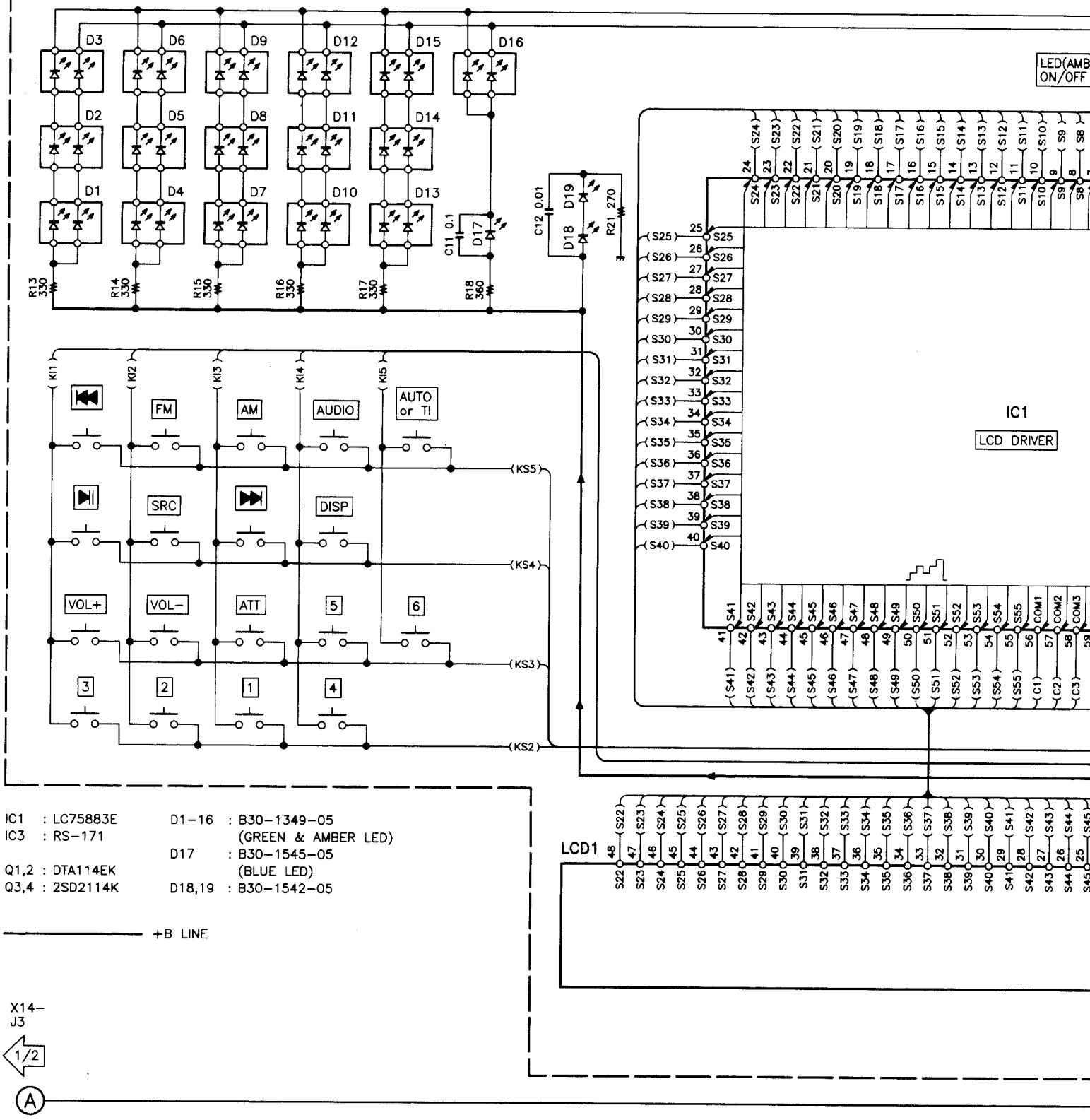
NJM4565M-TE2
NJM4565MD

DA204K

KDC-5070R/RY (1/2)

SIGNAL LINE
+B LINE

SWITCH UNIT (X139502-70)



IC1 : LC75883E
IC3 : RS−171

Q1,2 : DTA114EK
Q3,4 : 2SD2114K

D1−16 : B30−1349−05
(GREEN & AMBER LED)
D17 : B30−1545−05
(BLUE LED)
D18,19 : B30−1542−05

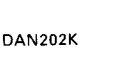
——— +B LINE

X14−
J3
1/2

A

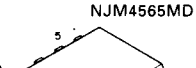
DTA124EK
DTC114TK
DTC114YK
DTC124EK
DTC144EK
2SA1036K
2SA1362
2SB709A
2SC2412K
2SD2114K

DAN202K



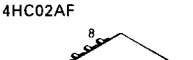
2SB1277

NJM4565M-TE2
NJM4565MD



2SB1184

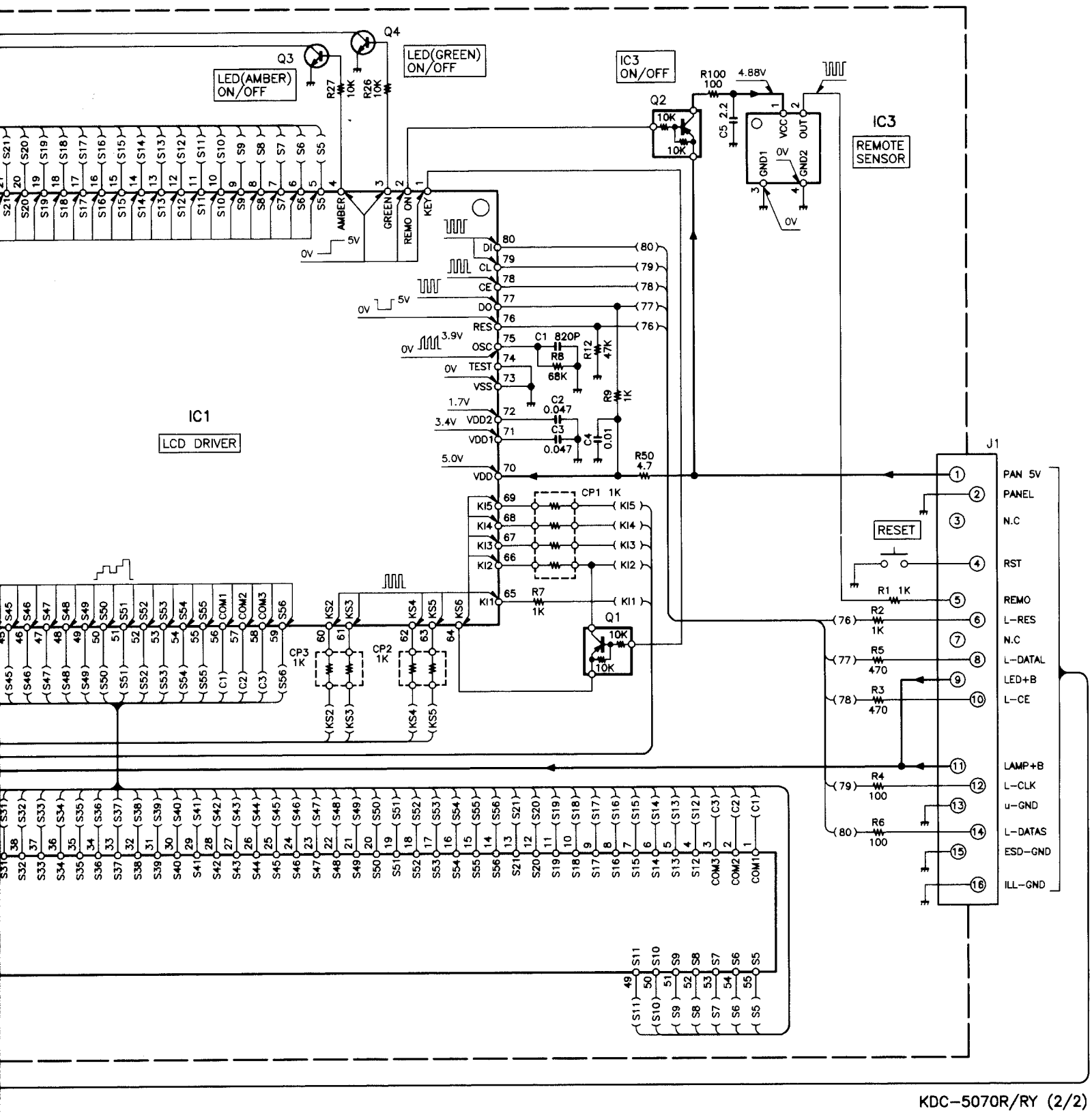
TC74HC02AF



TA78L05F

DA204K

CAUTION : For conti
nents only with mar
parts list). ⚠ indicat
ued protection again
and rating fuse(s). To
current or resistance
posed parts are acce
before the appliance



KDC-5070R/RY (2/2)

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

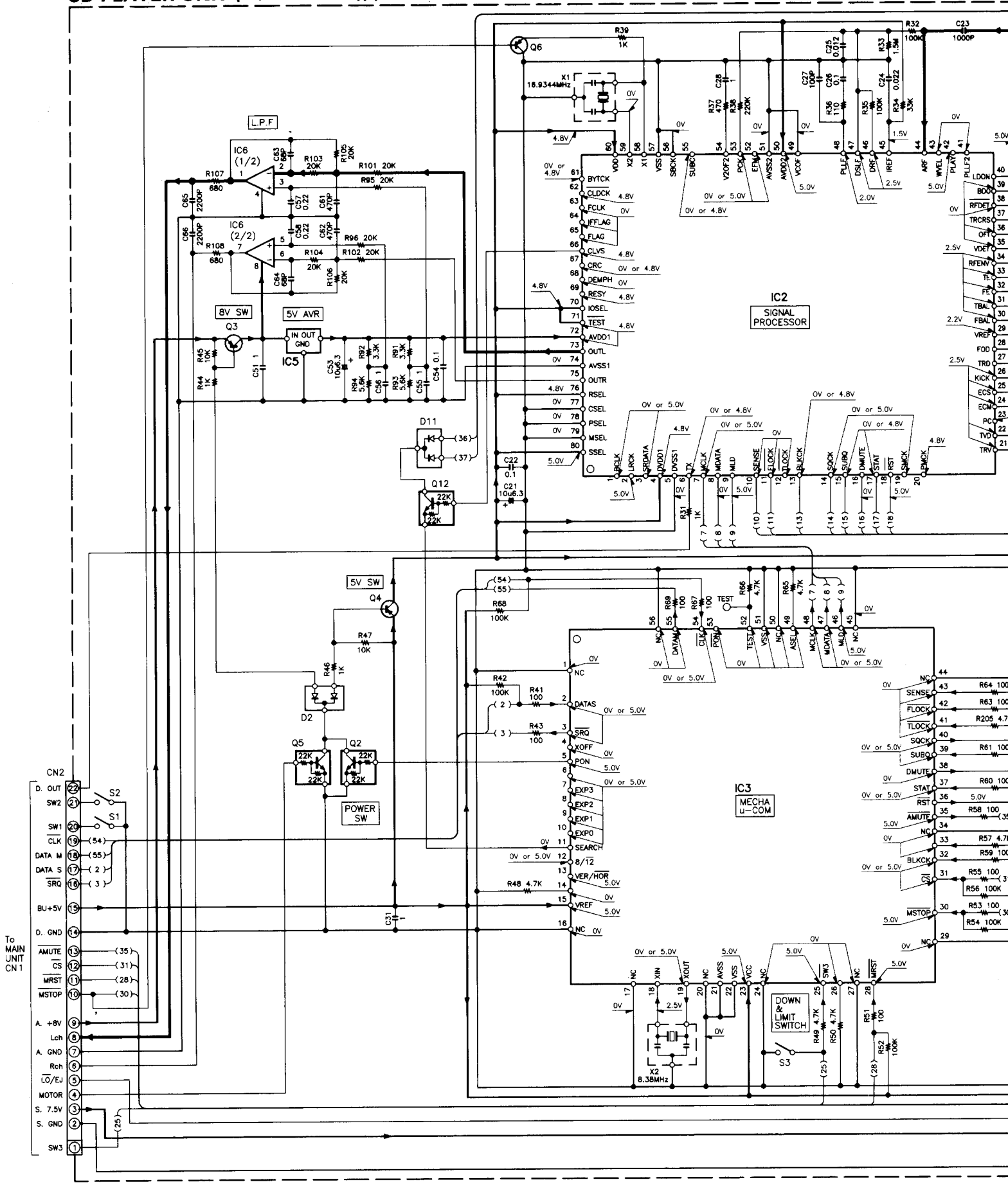
78L05F

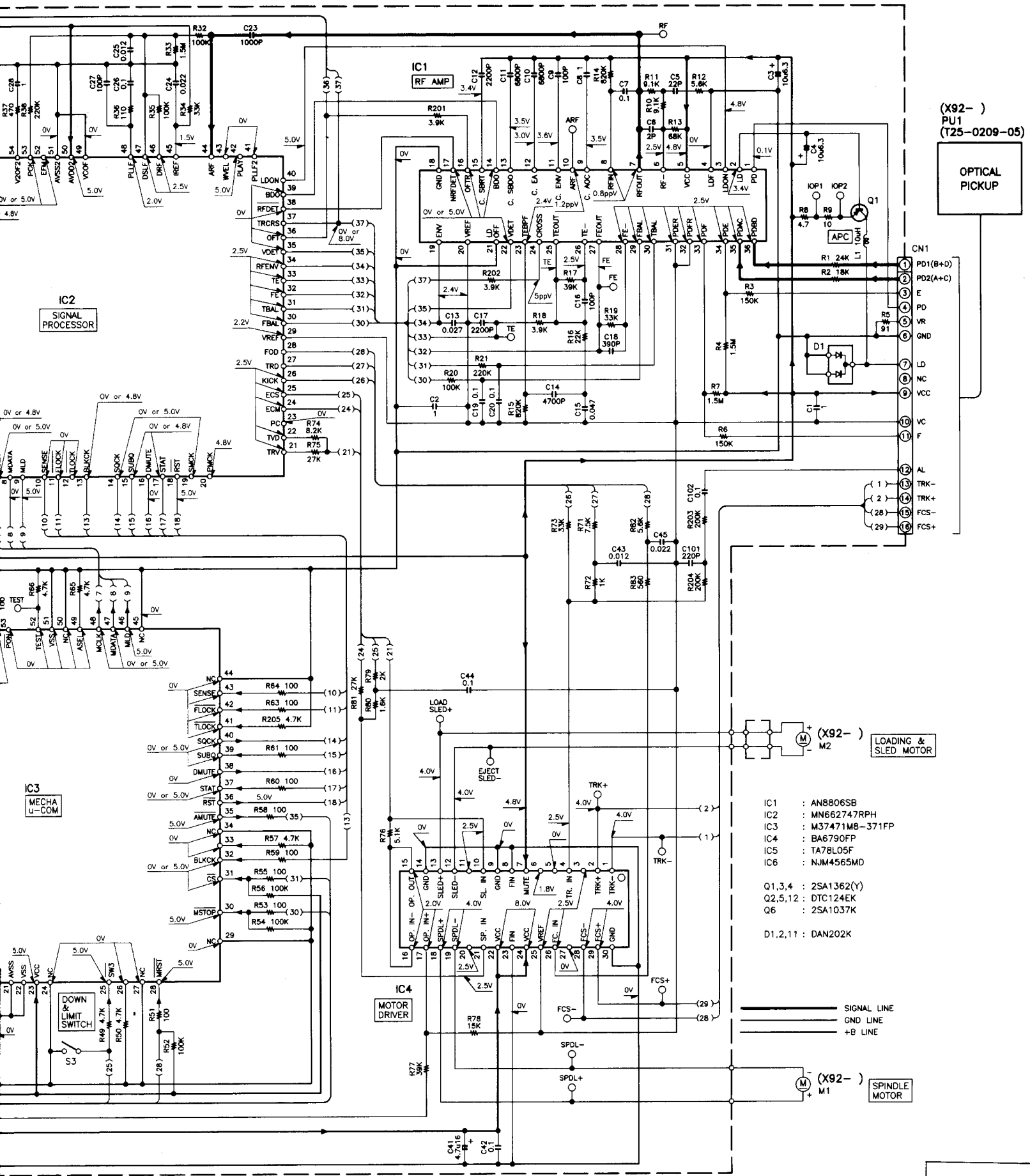
DA204K

KDC-5070R/RY

KENWOOD

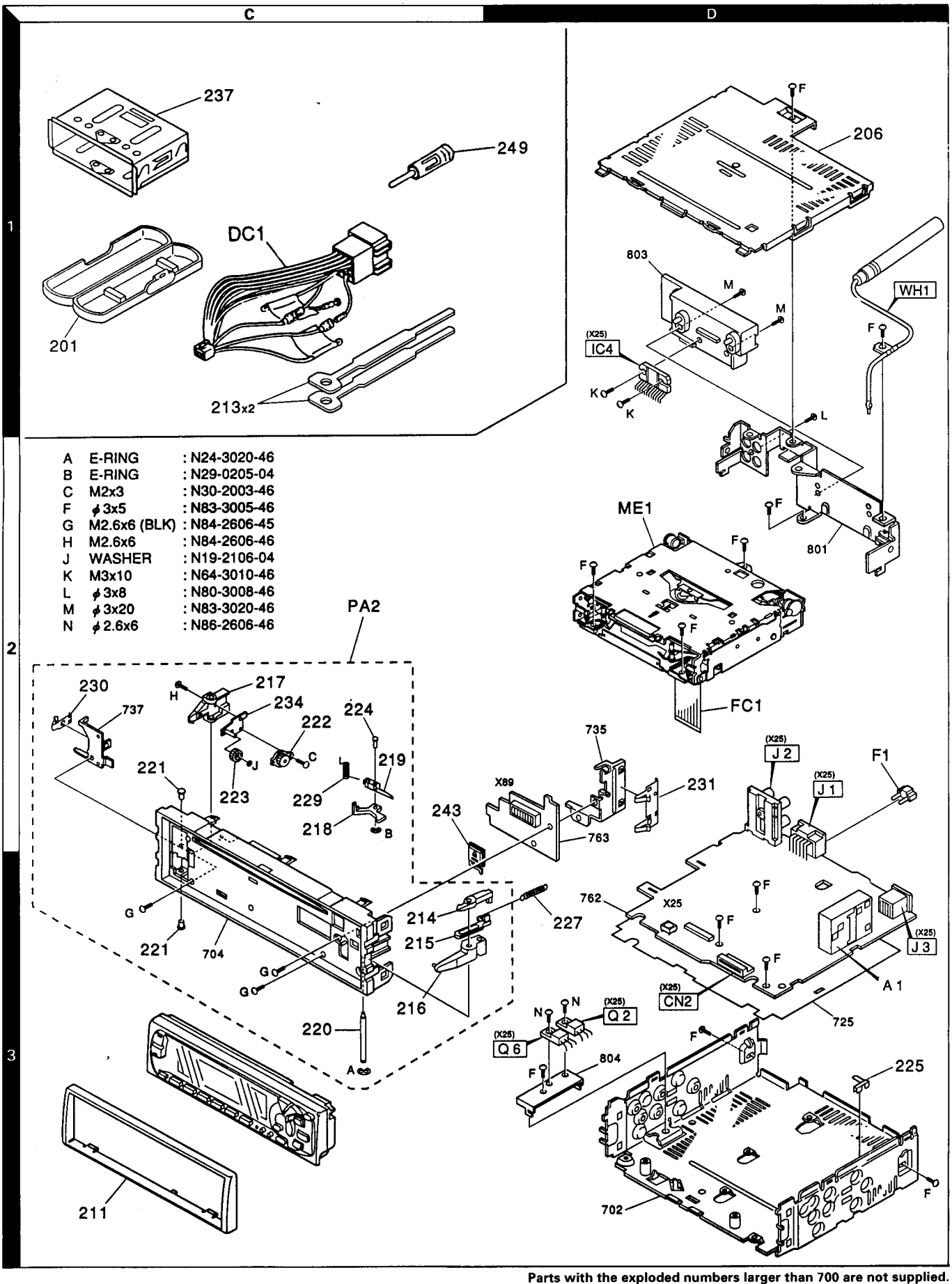
CD PLAYER UNIT (X32-4280-00)/(X32-4560-00)




IC1
RF AMP
IC2
SIGNAL PROCESSOR
IC3
MECHA u-COM
IC4
MOTOR DRIVER
(X92-)
PU1
(T25-0209-05)
OPTICAL PICKUP
CN1
PD1(B+D)
PD2(A+C)
E
PD
VR
GND
LD
NC
VCC
VC
F
AL
TRK-
TRK+
FCS-
FCS+
APC
Q1
D1
LOADING & SLED MOTOR
(X92-)
M2
SPINDLE MOTOR
(X92-)
M1
DOWN & LIMIT SWITCH
S3
LOAD SLED+
EJECT SLED-
SPDL-
SPDL+
IC1 : AN8806SB
IC2 : MN662747RPH
IC3 : M37471M8-371FP
IC4 : BA6790FP
IC5 : TA78L05F
IC6 : NJM4565MD
Q1,3,4 : 2SA1362(Y)
Q2,5,12 : DTC124EK
Q6 : 2SA1037K
D1,2,11 : DAN202K
SIGNAL LINE
GND LINE
+B LINE

KDC-5070R/RY

EXPLODED VIEW (UNIT)

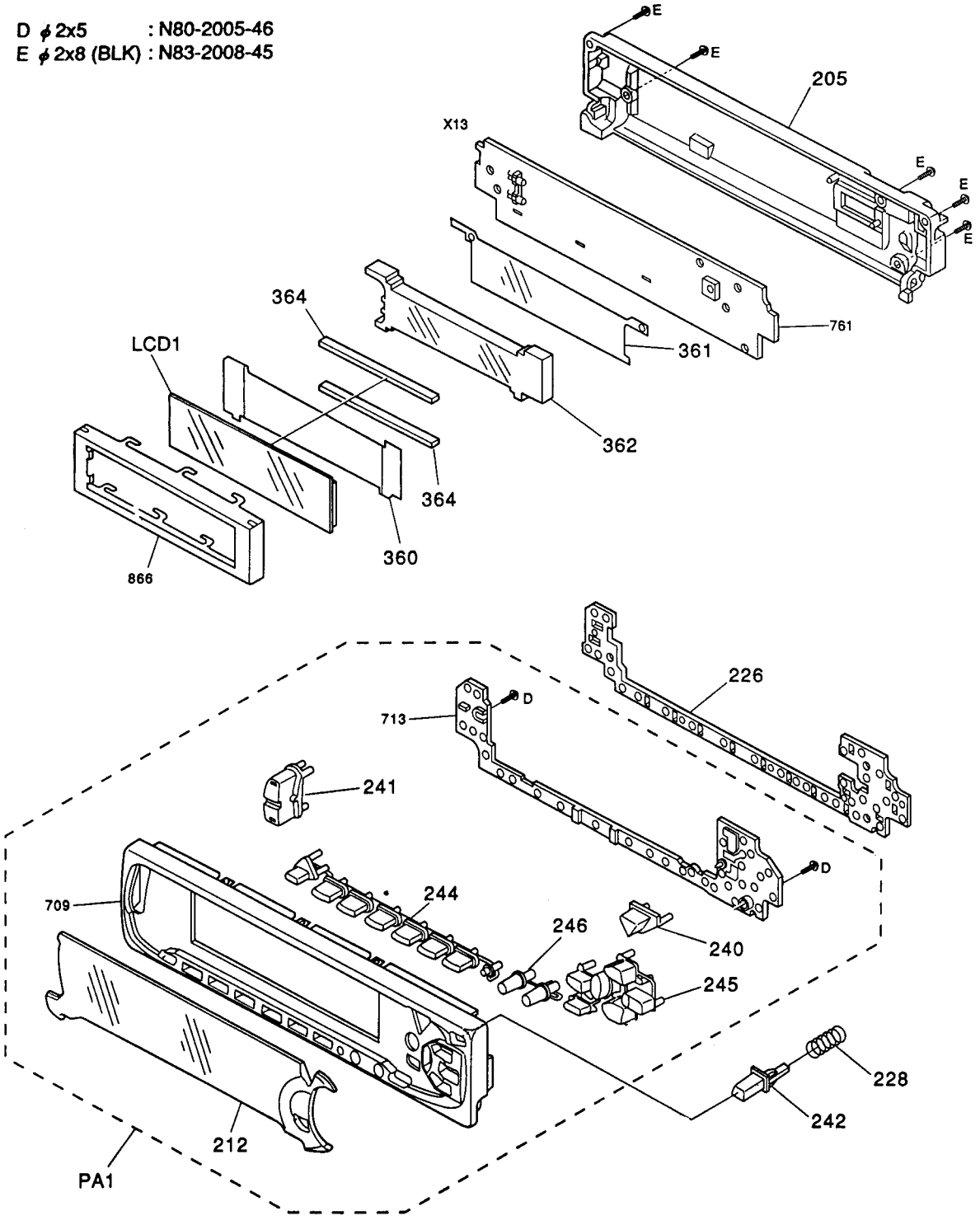


A	E-RING	: N24-3020-46
B	E-RING	: N29-0205-04
C	M2x3	: N30-2003-46
F	ϕ3x5	: N83-3005-46
G	M2.6x6 (BLK)	: N84-2606-45
H	M2.6x6	: N84-2606-46
J	WASHER	: N19-2106-04
K	M3x10	: N64-3010-46
L	ϕ3x8	: N80-3008-46
M	ϕ3x20	: N83-3020-46
N	ϕ2.6x6	: N86-2606-46

Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)

D ϕ2x5 : N80-2005-46
E ϕ2x8 (BLK) : N83-2008-45



Parts with the exploded numbers larger than 700 are not supplied.

KDC-5070R/RY

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向	Remarks 備考
KDC-5070R/RY						
201	1C		A02-1486-03	PLASTIC CABINET ASSY		
205	1F		A46-1601-01	REAR COVER		
206	1D		A52-0720-32	TOP PLATE		
PA1	3E	*	A64-1518-02	PANEL ASSY		
PA2	2C		A22-2305-02	SUB PANEL ASSY		
211	3C		B07-2163-02	ESCUTCHEON		
212	3E	*	B10-2933-01	FRONT GLASS		
-			B46-0100-50	WARRANTY CARD	E3	
-			B46-0182-14	ID CARD	E3	
-			B46-0606-04	ID CARD	E4	
-		*	B64-1296-00	INSTRUCTION MANUAL (E,F)	E3	
-		*	B64-1297-00	INSTRUCTION MANUAL (G,D,I)	E3	
-		*	B64-1298-00	INSTRUCTION MANUAL (S,P)	E3	
-		*	B64-1299-00	INSTRUCTION MANUAL (E,R,Ø)	E4	
-		*	B64-1300-00	INSTRUCTION MANUAL (Z,H,C)	E4	
213	1C		D10-4197-04	LEVER		
214	3C		D10-4141-04	LEVER		
215	3C		D10-4142-34	LEVER		
216	3C		D10-4143-14	LEVER		
217	2C		D10-4144-13	LEVER		
218	2C		D10-4303-03	LEVER		
219	2C		D10-4304-03	LEVER		
220	3C		D21-2272-04	SHAFT		
221	2C		D21-2273-04	SHAFT		
222	2C		D39-0230-05	DAMPER		
223	2C		D13-1352-04	GEAR		
224	2C		D21-2299-04	SHAFT		
225	3D		E29-1528-04	LEAD PLATE		
226	2F		E29-1570-02	CONDUCTIVE RUBBER		
⚠ DC1	1C	*	E30-4693-05	DC CORD		
FC1	2D		E39-0180-05	FLAT CABLE		
⚠ F1	2D		F52-0006-05	FUSE(MINI BLADE TYPE)		
227	3D		G01-2856-24	EXTENSION SPRING		
228	3F		G01-2921-04	COMPRESSION SPRING		
229	2C		G01-2923-04	TORSION COIL SPRING		
230	2C		G02-1257-04	FLAT SPRING		
231	2D		G02-1259-14	FLAT SPRING		
-			H10-4587-02	POLYSTYRENE FOAMED FIXTURE		
-			H25-0329-04	PROTECTION BAG (280X450X0.03)	E4	
-			H25-0337-04	PROTECTION BAG (180X300X0.03)		
-			H25-1111-04	PROTECTION BAG (280X450X0.03)	E3	
-		*	H54-1294-03	ITEM CARTON CASE	E3	
-		*	H54-1295-03	ITEM CARTON CASE	E4	
234	2C		J21-7817-14	MOUNTING HARDWARE ASSY		
237	1C		J21-7907-23	MOUNTING HARDWARE ASSY		
240	3F		K24-1921-04	KNOB SRC		
241	2E		K24-1922-03	KNOB VOL		
242	3F		K24-1923-04	KNOB OPEN		
243	2C		K24-1947-04	KNOB EJECT		
244	3E		K25-0960-03	KNOB 1-6		
245	3F		K25-0961-02	KNOB FM,AM		
246	3F		K25-0962-04	KNOB DISP		
A	3C		N24-3020-46	E TYPE RETAINING RING(2ﾏﾙ)		
B	2C		N29-0205-04	RETAINING RING (1.5ﾏﾙ)		
C	2C		N30-2003-46	PAN HEAD MACHINE SCREW		
D	2F		N80-2005-46	PAN HEAD TAPTITE SCREW		
E	1F		N83-2008-45	PAN HEAD TAPTITE SCREW		
F	1D		N83-3005-46	PAN HEAD TAPTITE SCREW		
G	3C		N84-2606-45	PAN HEAD TAPTITE SCREW		
H	2C		N84-2606-46	PAN HEAD TAPTITE SCREW		
J	2C		N19-2106-04	FLAT WASHER		
249	1C		T90-0523-05	ANTENNA ADAPTOR		
A1	3D	*	X86-3112-70	TUNER UNIT		
ME1	2D		X92-3120-00	MECHANISM ASSY		

SWITCH UNIT (X13-9502-70)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向	Remarks 備考
360	2E		B11-0944-24	OPTICAL DIFFUSER		
361	1F		B11-0945-04	REFLECTION SHEET		
362	1E		B19-1163-03	LIGHTING BOARD		
D1 -16			B30-1349-05	LED		
D17			B30-1489-05	LED		
D18 ,19			B30-1542-05	LED		
LCD1	2E		B38-0691-05	LIQUID CRYSTAL		
C1			CK73FB1H821K	CHIP C 820PF K		
C2 ,3			CK73FB1H473KTA	CHIP C 0.047UF K		
C4			CK73FB1H103K	CHIP C 0.010UF K		
C5			CK73EB1C225K	CHIP C 2.2UF K		
C11			CK73FB1C104K	CHIP C 0.10UF K		
C12			CK73FB1H103K	CHIP C 0.010UF K		
364	2E		E29-1543-04	CONDUCTIVE RUBBER		
J1			E59-0829-05	RECTANGULAR PLUG		
CP1			R90-0724-05	MULTI-COMP 1K X4		
CP2 ,3			R90-0725-05	MULTI-COMP 1K X2		
R1 ,2			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R3			RK73FB2A471J	CHIP R 470 J 1/10W		
R4			RK73FB2A101J	CHIP R 100 J 1/10W		
R5			RK73FB2A471J	CHIP R 470 J 1/10W		
R6			RK73FB2A101J	CHIP R 100 J 1/10W		
R7			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R8			RK73FB2A683J	CHIP R 68K J 1/10W		
R9			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R10			RK73FB2A101J	CHIP R 100 J 1/10W		
R12			RK73FB2A473J	CHIP R 47K J 1/10W		
R13 -17			RK73EB2B331J	CHIP R 330 J 1/8W		
R18			RK73EB2B301J	CHIP R 300 J 1/8W		
R21			RK73EB2B271J	CHIP R 270 J 1/8W		
R26 ,27			RK73FB2A103J	CHIP R 10K J 1/10W		
R50			RK73EB2B4R7J	CHIP R 4.7 J 1/8W		
W1 ,2			R92-2052-05	CHIP R 0 J 1/10W		
IC1			LC75883E	MOS-IC		
IC3			RS-171	ANALOGUE IC		
Q1 ,2			DTA124EK	DIGITAL TRANSISTOR		

E3: KDC-5070R E4: KDC-5070RY

⚠ indicates safety critical components.

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向	Remarks 備考
Q1 ,2			UN2112	DIGITAL TRANSISTOR		
Q3 ,4			2SD2114K	TRANSISTOR		
ELECTRIC UNIT (X25-8302-71)						
D22			B30-1424-05	LED		
C1			C90-5236-05	ALMINIUM ELECTROLYTIC C.		
C2			CK73FB1H103K	CHIP C 0.010UF K		
C3			C90-2926-05	ELECTRO 220UF 16WV		
C4			CK73FB1H103K	CHIP C 0.010UF K		
C5			C90-2594-05	ELECTRO 10UF 10WV		
C6			CE04CW0J101M	ELECTRO 100UF 6.3WV		
C7			CE04CW1A330M	ELECTRO 33UF 10WV		
C8			CE04CW1C101M	ELECTRO 100UF 16WV		
C9			CK73FB1H103K	CHIP C 0.010UF K		
C10 ,11			CE04CW1A101M	ELECTRO 100UF 10WV		
C20			CK73FB1H103K	CHIP C 0.010UF K		
C23			C90-2598-05	ELECTRO 3.3UF 25WV		
C24			CK73FB1E683KTA	CHIP C 0.068UF K		
C25			C90-2602-05	ELECTRO 0.10UF 50WV		
C26 ,27			CK73FB1H103K	CHIP C 0.010UF K		
C40			CE04CW0J101M	ELECTRO 100UF 6.3WV		
C41 -43			CK73FB1H103K	CHIP C 0.010UF K		
C44 ,45			CC73FCH1H220J	CHIP C 22PF J		
C46			C90-2608-05	ELECTRO 1.0UF 50WV		
C48			CK73FB1H472K	CHIP C 4700PF K		
C49			CK73EB1E274K	CHIP C 0.27UF K		
C50 ,51			CK73FB1H103K	CHIP C 0.010UF K		
C52			C90-2595-05	ELECTRO 4.7UF 16WV		
C53 ,54			C90-2610-05	ELECTRO 2.2UF 50WV		
C55 ,56			C90-2608-05	ELECTRO 1.0UF 50WV		
C57			CE04CW0J101M	ELECTRO 100UF 6.3WV		
C58			CK73FB1H153KTA	CHIP C 0.015UF K		
C59			CK73EB1C105K	CHIP C 1.0UF K		
C61			CK73FB1C823K	CHIP C 0.082UF K		
C62			CE04CW1A101M	ELECTRO 100UF 10WV		
C63			CK73FB1H103K	CHIP C 0.010UF K		
C111,112			C90-2597-05	ELECTRO 10UF 16WV		
C131-134			CK73FB1C124K	CHIP C 0.12UF K		
C139			CE04CW1A101M	ELECTRO 100UF 10WV		
C140			C90-2598-05	ELECTRO 3.3UF 25WV		
C141			C90-2934-05	ELECTRO 0.47UF 50WV		
C142			C90-2597-05	ELECTRO 10UF 16WV		
C160			CK73EB1H104K	CHIP C 0.10UF K		
C161			CK73FB1H103K	CHIP C 0.010UF K		
C162			CK73EB1H473K	CHIP C 0.047UF K		
C163			CK73FB1H103K	CHIP C 0.010UF K		
C171			CK73FB1H103K	CHIP C 0.010UF K		
C173			CK73FB1H103K	CHIP C 0.010UF K		
C174			CE04CW1A101M	ELECTRO 100UF 10WV		
C175			CK73FB1H103K	CHIP C 0.010UF K		
C176			CE04DW1A470M	ELECTRO 47UF 10WV		
C177			CK73FB1H103K	CHIP C 0.010UF K		
C178			CC73FCH1H121J	CHIP C 120PF J		
C179			CK73FB1E273KTA	CHIP C 0.027UF K		
C180			CK73FB1C104K	CHIP C 0.10UF K		

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向	Remarks 備考
C190			CK73FB1H223KTA	CHIP C 0.022UF K		
C191			CC73FCH1H060D	CHIP C 6.0PF D		
C192			CK73FB1H102K	CHIP C 1000PF K		
C193			CK73FB1H222K	CHIP C 2200PF K		
C194			CC73FCH1H820J	CHIP C 82PF J		
C195			CE04DW1C100M	ELECTRO 10UF 16WV		
C196			CK73FB1H471K	CHIP C 470PF K		
C197			CK73FB1H822K	CHIP C 8200PF K		
C198			CC73FCH1H120J	CHIP C 12PF J		
C199			CC73FCH1H121J	CHIP C 120PF J		
C200			CK73FB1H122K	CHIP C 1200PF K		
C201			CK73FB1H471K	CHIP C 470PF K		
C202			CK73FB1H122K	CHIP C 1200PF K		
C210			C90-2592-05	ELECTRO 10UF 6.3WV		
C211			CK73FB1H103K	CHIP C 0.010UF K		
C212			CC73FCH1H271J	CHIP C 270PF J		
C213			C90-2592-05	ELECTRO 10UF 6.3WV		
C214,215			CC73FCH1H100D	CHIP C 10PF D		
CN1			E40-9550-05	FLAT CABLE CONNECTOR		
CN2			E40-9595-05	PIN ASSY		
⚠ J1			E58-0836-05	RECTANGULAR RECEPTACLE		
J2			E63-0852-05	PHONO JACK		
J3			E56-0809-05	CYLINDRICAL RECEPTACLE		
WH1	1D		E30-4440-05	CORD WITH PLUG		
WH1	1D		E30-4568-15	CORD WITH PLUG		
L1			L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)		
L3			L33-1039-05	LINE FILTER COIL		
L4 -9			L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)		
L10			L40-4795-34	SMALL FIXED INDUCTOR		
X1			L78-0574-05	RESONATOR		
X2			L78-0533-05	RESONATOR (32.768KHZ)		
X3			L77-2002-05	CRYSTAL RESONATOR		
K	1D		N64-3010-46	PAN HEAD SEMS SCREW		
L	1D		N80-3008-46	PAN HEAD TAPTITE SCREW		
M	1D		N83-3020-46	PAN HEAD TAPTITE SCREW		
N	3D		N86-2606-46	BINDING HEAD TAPTITE SCREW		
CP1			R90-1013-05	MULTIPLE RESISTOR		
CP2 ,3			R90-0725-05	MULTI-COMP 1K X2		
CP4			R90-0722-05	MULTI-COMP 2.2K X4		
CP5			R90-0725-05	MULTI-COMP 1K X2		
CP7			R90-1022-05	MULTIPLE RESISTOR		
R1			RK73FB2A223J	CHIP R 22K J 1/10W		
R2			RK73FB2A101J	CHIP R 100 J 1/10W		
R4			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R5			R92-2104-05	CHIP R 2.2 J 1W		
R6			RK73FB2A103J	CHIP R 10K J 1/10W		
R7			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R8			RK73FB2A101J	CHIP R 100 J 1/10W		
R9			RK73FB2A152J	CHIP R 1.5K J 1/10W		
R10			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R24			RK73EB2B752J	CHIP R 7.5K J 1/8W		
R25			RK73FB2A223J	CHIP R 22K J 1/10W		
R26			RK73FB2A473J	CHIP R 47K J 1/10W		

E3: KDC-5070R **E4:** KDC-5070RY

⚠ indicates safety critical components.

KDC-5070R/RY

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

ELECTRIC UNIT (X25-8302-71)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向	Remarks 備考
R27			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R32			RK73EB2B472J	CHIP R 4.7K J 1/8W		
R33			RD14DB2H102J	SMALL-RD 1.0K J 1/2W		
R34			RK73FB2A223J	CHIP R 22K J 1/10W		
R35			RD14DB2H102J	SMALL-RD 1.0K J 1/2W		
R36			RK73FB2A123J	CHIP R 12K J 1/10W		
R37			RK73FB2A153J	CHIP R 15K J 1/10W		
R38			RK73FB2A512J	CHIP R 5.1K J 1/10W		
R39			RK73FB2A104J	CHIP R 100K J 1/10W		
R40			RD14DB2H332J	SMALL-RD 3.3K J 1/2W		
R42			RK73FB2A104J	CHIP R 100K J 1/10W		
R43			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R44			RK73FB2A473J	CHIP R 47K J 1/10W		
R45			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R50			RK73FB2A470J	CHIP R 47 J 1/10W		
R52			RK73FB2A684J	CHIP R 680K J 1/10W		
R53			RK73FB2A473J	CHIP R 47K J 1/10W		
R56			RK73FB2A101J	CHIP R 100 J 1/10W		
R57			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R60			RK73FB2A104J	CHIP R 100K J 1/10W		
R63			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R65			RK73FB2A223J	CHIP R 22K J 1/10W		
R66			RK73FB2A164J	CHIP R 160K J 1/10W		
R67			RK73FB2A394J	CHIP R 390K J 1/10W		
R68			RK73FB2A2R2J	CHIP R 2.2 J 1/10W		
R69			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R72			RK73FB2A101J	CHIP R 100 J 1/10W		
R73 ,74			RK73FB2A470J	CHIP R 47 J 1/10W		
R75			RK73FB2A101J	CHIP R 100 J 1/10W		
R76			RK73FB2A104J	CHIP R 100K J 1/10W		
R78			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R80			RK73FB2A154J	CHIP R 150K J 1/10W		
R85 ,86			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R89			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R91			RK73EB2B241J	CHIP R 240 J 1/8W		
R97 ,98			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R101-103			RK73FB2A473J	CHIP R 47K J 1/10W		
R106			RK73FB2A223J	CHIP R 22K J 1/10W		
R107			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R108			RK73FB2A225J	CHIP R 2.2M J 1/10W		
R109			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R110			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R111			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R112			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R113			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R114,115			RK73FB2A473J	CHIP R 47K J 1/10W		
R116,117			RK73FB2A104J	CHIP R 100K J 1/10W		
R118			RK73FB2A473J	CHIP R 47K J 1/10W		
R120			RK73FB2A473J	CHIP R 47K J 1/10W		
R122			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R125			RK73FB2A101J	CHIP R 100 J 1/10W		
R126			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R159,160			RK73FB2A361J	CHIP R 360 J 1/10W		
R163,164			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R167,168			RK73FB2A223J	CHIP R 22K J 1/10W		
R187,188			RK73EB2B181J	CHIP R 180 J 1/8W		
R191-194			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R195			RK73FB2A101J	CHIP R 100 J 1/10W		
R196			RK73FB2A751J	CHIP R 750 J 1/10W		
R197			RK73FB2A431J	CHIP R 430 J 1/10W		
R198			RK73FB2A473J	CHIP R 47K J 1/10W		
R199			RK73FB2A101J	CHIP R 100 J 1/10W		
R207			RK73FB2A103J	CHIP R 10K J 1/10W		
R210-212			RK73FB2A104J	CHIP R 100K J 1/10W		
R213-215			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R216			RK73FB2A473J	CHIP R 47K J 1/10W		
R217			RK73FB2A103J	CHIP R 10K J 1/10W		
R227			RK73EB2B470J	CHIP R 47 J 1/8W		
R228			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R229			RK73EB2B222J	CHIP R 2.2K J 1/8W		
R230			RK73EB2B4R7J	CHIP R 4.7 J 1/8W		
R231			RK73EB2B472J	CHIP R 4.7K J 1/8W		
R232			RK73EB2B100J	CHIP R 10 J 1/8W		
R233,234			RK73EB2B222J	CHIP R 2.2K J 1/8W		
R235			RK73EB2B470J	CHIP R 47 J 1/8W		
R236			RK73EB2B100J	CHIP R 10 J 1/8W		
R237			RK73EB2B470J	CHIP R 47 J 1/8W		
R238-241			RK73FB2A104J	CHIP R 100K J 1/10W		
R250			RK73FB2A223J	CHIP R 22K J 1/10W		
R251			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R252			RK73FB2A223J	CHIP R 22K J 1/10W		
R253			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R254			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R256			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R257			RK73FB2A272J	CHIP R 2.7K J 1/10W		
R258			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R270			RK73FB2A823J	CHIP R 82K J 1/10W		
R271			RK73FB2A103J	CHIP R 10K J 1/10W		
R272			RK73FB2A104J	CHIP R 100K J 1/10W		
R273,274			RK73FB2A103J	CHIP R 10K J 1/10W		
R275			RK73FB2A153J	CHIP R 15K J 1/10W		
R276,277			RK73FB2A103J	CHIP R 10K J 1/10W		
R278			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R280			RK73FB2A563J	CHIP R 56K J 1/10W		
R281			RK73FB2A272J	CHIP R 2.7K J 1/10W		
R282,283			RK73FB2A103J	CHIP R 10K J 1/10W		
R284			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R286			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R290-292			RK73FB2A222J	CHIP R 2.2K J 1/10W		
W2 -5			R92-2052-05	CHIP R 0 J 1/10W		
W8 ,9			R92-2052-05	CHIP R 0 J 1/10W		
W15			R92-2052-05	CHIP R 0 J 1/10W		
S1			S74-0808-05	MICRO SWITCH		
D1			RM10ZLF	DIODE		
D2			AM01Z	DIODE		
D2			ERA15-01	DIODE		
D3			MA4056(N)-M	ZENER DIODE		
D4			MA4082(N)-L	ZENER DIODE		

E3: KDC-5070R E4: KDC-5070RY

⚠ indicates safety critical components.

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PARTS LIST

ELECTRIC UNIT (X25-8302-71)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向	Remarks 備考
D5			MA4110-L	ZENER DIODE		
D8			HZM4.7N(B2)	ZENER DIODE		
D8			MA3047-M	ZENER DIODE		
D10			AM01Z	DIODE		
D10			ERA15-01	DIODE		
D11			1SS133	DIODE		
D12 ,13			MA4056(N)-M	ZENER DIODE		
D14			MA4068(N)-M	ZENER DIODE		
D15			DAN202K	DIODE		
D15			MA152WK	DIODE		
D16			DA204K	DIODE		
D17			D1F60	DIODE		
D30 -32			RD6.8MW	ZENER DIODE		
D34 ,35			DA204K	DIODE		
D36			MA3062WA	ZENER DIODE		
D36			UZMA6.2F	ZENER DIODE		
D37			DAN202K	DIODE		
D37			MA152WK	DIODE		
D52 ,53			DAP202K	DIODE		
D52 ,53			MA152WA	DIODE		
D56 -59			DAN202K	DIODE		
D56 -59			MA152WK	DIODE		
D60			DA204K	DIODE		
D61 -64			DAP202K	DIODE		
D61 -64			MA152WA	DIODE		
D65			DSP-301N-A21F	SURGE ABSORBER		
D68 ,69			MA3062WA	ZENER DIODE		
D68 ,69			UZMA6.2F	ZENER DIODE		
D70			DAN202K	DIODE		
D70			MA152WK	DIODE		
IC1			UPD784214GF523	MI-COM IC		
IC2			TDA7461D	ANALOGUE IC		
IC3			BR24C01AF	MEMORY IC		
IC4			TDA7384A	ANALOGUE IC		
IC7			PST9130NR	ANALOGUE IC		
IC8			TC74HC02AF	IC		
IC13			NJM4565M-TE2	ANALOGUE IC		
IC14			TDA7479D	ANALOGUE IC		
Q1			2SC2412K	TRANSISTOR		
Q1			2SD601A	TRANSISTOR		
Q2			2SB1565F(E,F)	TRANSISTOR		
Q3			DTC144EK	DIGITAL TRANSISTOR		
Q3			UN2213	DIGITAL TRANSISTOR		
Q4			DTA124EK	DIGITAL TRANSISTOR		
Q4			UN2112	DIGITAL TRANSISTOR		
Q5			2SB1184	TRANSISTOR		
Q6			2SD2396F40	TRANSISTOR		
Q7			DTC144EK	DIGITAL TRANSISTOR		
Q7			UN2213	DIGITAL TRANSISTOR		
Q8			DTA124EK	DIGITAL TRANSISTOR		
Q8			UN2112	DIGITAL TRANSISTOR		
Q9			2SC2412K	TRANSISTOR		
Q9			2SD601A	TRANSISTOR		
Q10			2SB1184	TRANSISTOR		
Q19			2SA1036K	TRANSISTOR		
Q23			2SB1277(Q,R)	TRANSISTOR		
Q24			2SA1037K	TRANSISTOR		
Q24			2SB709A	TRANSISTOR		
Q25			DTA124EK	DIGITAL TRANSISTOR		
Q25			UN2112	DIGITAL TRANSISTOR		
Q26			DTC114YK	DIGITAL TRANSISTOR		
Q26			UN2214	DIGITAL TRANSISTOR		
Q27 -29			2SC2412K	TRANSISTOR		
Q27 -29			2SD601A	TRANSISTOR		
Q31 ,32			2SC2412K	TRANSISTOR		
Q31 ,32			2SD601A	TRANSISTOR		
Q40			DTA124EK	DIGITAL TRANSISTOR		
Q40			UN2112	DIGITAL TRANSISTOR		
Q41			DTC144EK	DIGITAL TRANSISTOR		
Q41			UN2213	DIGITAL TRANSISTOR		
Q53 ,54			2SC2412K	TRANSISTOR		
Q53 ,54			2SD601A	TRANSISTOR		
Q57			DTC144EK	DIGITAL TRANSISTOR		
Q57			UN2213	DIGITAL TRANSISTOR		
Q60			2SA1037K	TRANSISTOR		
Q60			2SB709A	TRANSISTOR		
Q61			DTA124EK	DIGITAL TRANSISTOR		
Q61			UN2112	DIGITAL TRANSISTOR		
Q70			DTC124EK	DIGITAL TRANSISTOR		
Q70			UN2212	DIGITAL TRANSISTOR		
Q71			2SB1277(Q,R)	TRANSISTOR		
Q72			DTC124EK	DIGITAL TRANSISTOR		
Q72			UN2212	DIGITAL TRANSISTOR		
Q73			2SB1277(Q,R)	TRANSISTOR		
Q74			DTC124EK	DIGITAL TRANSISTOR		
Q74			UN2212	DIGITAL TRANSISTOR		
Q80			2SC2412K	TRANSISTOR		
Q80			2SD601A	TRANSISTOR		
Q81			DTC114TK	DIGITAL TRANSISTOR		
Q81			UN2215	DIGITAL TRANSISTOR		
Q82			DTA124EK	DIGITAL TRANSISTOR		
Q82			UN2112	DIGITAL TRANSISTOR		
TH1			PT722A80C	POSITIVE RESISTOR		

CD PLAYER UNIT(X32-4280-00)/(X32-4560-00)

C1 ,2			CK73EB1C105K	CHIP C	1.0UF	K	
C3 ,4			C92-0509-05	CHIP-TAN	10UF	6.3WV	
C5			CC73FCH1H220J	CHIP C	22PF	J	
C6			CC73FCH1H020C	CHIP C	2.0PF	C	
C7			CK73FB1C104K	CHIP C	0.10UF	K	
C8			CK73EB1C105K	CHIP C	1.0UF	K	
C9			CC73FCH1H101J	CHIP C	100PF	J	
C10 ,11			CK73FB1H682K	CHIP C	6800PF	K	
C12			CK73FB1H222K	CHIP C	2200PF	K	
C13			CK73FB1E273KTA	CHIP C	0.027UF	K	
C14			CK73FB1H472K	CHIP C	4700PF	K	
C15			CK73FB1E473KTA	CHIP C	0.047UF	K	
C16			CC73FCH1H101J	CHIP C	100PF	J	
C17			CK73FB1H222K	CHIP C	2200PF	K	
C18			CC73FCH1H391J	CHIP C	390PF	J	

E3: KDC-5070R E4: KDC-5070RY

⚠ indicates safety critical components.

KDC-5070R/RY

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

CD PLAYER UNIT (X32-4280-00)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C19 ,20			CK73FB1C104K	CHIP C 0.10UF K		
C21			C92-0509-05	CHIP-TAN 10UF 6.3WV		
C22			CK73FB1C104K	CHIP C 0.10UF K		
C23			CK73FB1H102K	CHIP C 1000PF K		
C24			CK73FB1H223KTA	CHIP C 0.022UF K		
C25			CK73FB1H123K	CHIP C 0.012UF K		
C26			CK73FB1C104K	CHIP C 0.10UF K		
C27			CC73FCH1H101J	CHIP C 100PF J		
C28			CK73EB1C105K	CHIP C 1.0UF K		
C31			CK73EB1C105K	CHIP C 1.0UF K		
C41			C92-1335-05	ELECTRO 4.7UF 16WV		
C42			CK73EB1H104K	CHIP C 0.10UF K		
C43			CK73FB1H123K	CHIP C 0.012UF K		
C44			CK73FB1C104K	CHIP C 0.10UF K		
C45			CK73FB1H223KTA	CHIP C 0.022UF K		
C51			CK73EB1C105K	CHIP C 1.0UF K		
C53			C92-0509-05	CHIP-TAN 10UF 6.3WV		
C54			CK73FB1C104K	CHIP C 0.10UF K		
C55 ,56			CK73EB1C105K	CHIP C 1.0UF K		
C57 ,58			CK73FB1C224K	CHIP C 0.22UF K		
C61 ,62			CC73FCH1H471J	CHIP C 470PF J		
C63 ,64			CC73FCH1H680J	CHIP C 68PF J		
C65 ,66			CK73FB1H222K	CHIP C 2200PF K		
C101			CC73ECH1H221J	CHIP C 220PF J		
C101			CK73EB1H221K	CHIP C 220PF K		
C102			CK73FB1C104K	CHIP C 0.10UF K		
CN1			E40-9536-05	FLAT CABLE CONNECTOR		
CN2			E40-9339-05	FLAT CABLE CONNECTOR		
L1			L40-1001-31	SMALL FIXED INDUCTOR(10UH)		
X1			L78-0620-05	RESONATOR		
X2			L78-0528-05	RESONATOR		
R1			RK73FB2A243J	CHIP R 24K J 1/10W		
R2			RK73FB2A183J	CHIP R 18K J 1/10W		
R3			RK73FB2A154J	CHIP R 150K J 1/10W		
R4			RK73FB2A155J	CHIP R 1.5M J 1/10W		
R5			RK73FB2A910J	CHIP R 91 J 1/10W		
R6			RK73FB2A154J	CHIP R 150K J 1/10W		
R7			RK73FB2A155J	CHIP R 1.5M J 1/10W		
R8			RK73EB2B4R7J	CHIP R 4.7 J 1/8W		
R9			RK73EB2B100J	CHIP R 10 J 1/8W		
R10 ,11			RK73FB2A912J	CHIP R 9.1K J 1/10W		
R12			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R13			RK73FB2A683J	CHIP R 68K J 1/10W		
R14 ,15			RK73FB2A824J	CHIP R 820K J 1/10W		
R16			RK73FB2A223J	CHIP R 22K J 1/10W		
R17			RK73FB2A393J	CHIP R 39K J 1/10W		
R18			RK73FB2A392J	CHIP R 3.9K J 1/10W		
R19			RK73FB2A333J	CHIP R 33K J 1/10W		
R20			RK73FB2A104J	CHIP R 100K J 1/10W		
R21			RK73FB2A224J	CHIP R 220K J 1/10W		
R31			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R32			RK73FB2A104J	CHIP R 100K J 1/10W		
R33			RK73FB2A155J	CHIP R 1.5M J 1/10W		
R34			RK73FB2A333J	CHIP R 33K J 1/10W		
R35			RK73FB2A104J	CHIP R 100K J 1/10W		
R36			RK73FB2A111J	CHIP R 110 J 1/10W		
R37			RK73FB2A471J	CHIP R 470 J 1/10W		
R38			RK73FB2A224J	CHIP R 220K J 1/10W		
R39			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R41			RK73FB2A101J	CHIP R 100 J 1/10W		
R42			RK73FB2A104J	CHIP R 100K J 1/10W		
R43			RK73FB2A101J	CHIP R 100 J 1/10W		
R44			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R45			RK73FB2A103J	CHIP R 10K J 1/10W		
R46			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R47			RK73FB2A103J	CHIP R 10K J 1/10W		
R48 -50			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R51			RK73FB2A101J	CHIP R 100 J 1/10W		
R52			RK73FB2A104J	CHIP R 100K J 1/10W		
R53			RK73FB2A101J	CHIP R 100 J 1/10W		
R54			RK73FB2A104J	CHIP R 100K J 1/10W		
R55			RK73FB2A101J	CHIP R 100 J 1/10W		
R56			RK73FB2A104J	CHIP R 100K J 1/10W		
R57			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R58 -61			RK73FB2A101J	CHIP R 100 J 1/10W		
R63 ,64			RK73FB2A101J	CHIP R 100 J 1/10W		
R65 ,66			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R67			RK73FB2A101J	CHIP R 100 J 1/10W		
R68			RK73FB2A104J	CHIP R 100K J 1/10W		
R69			RK73FB2A101J	CHIP R 100 J 1/10W		
R71			RK73FB2A752J	CHIP R 7.5K J 1/10W		
R72			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R73			RK73FB2A333J	CHIP R 33K J 1/10W		
R74			RK73FB2A822J	CHIP R 8.2K J 1/10W		
R75			RK73FB2A273J	CHIP R 27K J 1/10W		
R76			RK73FB2A512J	CHIP R 5.1K J 1/10W		
R77			RK73FB2A393J	CHIP R 39K J 1/10W		
R78			RK73FB2A153J	CHIP R 15K J 1/10W		
R79			RK73FB2A202J	CHIP R 2.0K J 1/10W		
R80			RK73FB2A162J	CHIP R 1.6K J 1/10W		
R81			RK73FB2A273J	CHIP R 27K J 1/10W		
R82			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R83			RK73FB2A561J	CHIP R 560 J 1/10W		
R91 ,92			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R93 ,94			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R95 ,96			RK73FB2A203J	CHIP R 20K J 1/10W		
R101-106			RK73FB2A203J	CHIP R 20K J 1/10W		
R107,108			RK73FB2A681J	CHIP R 680 J 1/10W		
R201,202			RK73FB2A392J	CHIP R 3.9K J 1/10W		
R203,204			RK73FB2A204J	CHIP R 200K J 1/10W		
R205			RK73FB2A472J	CHIP R 4.7K J 1/10W		
W1			R92-2052-05	CHIP R 0 J 1/10W		
W11 -13			R92-2053-05	CHIP R 0 J 1/8W		
S1 ,2			S68-0822-05	PUSH SWITCH		
S3			S68-0823-05	PUSH SWITCH		
D1 ,2			DAN202K	DIODE		
D11			DAN202K	DIODE		

E3: KDC-5070R E4: KDC-5070RY

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IC1			AN8806SB	ANALOGUE IC		
IC2			MN662747RPH	MOS-IC		
IC3			M37471M8-708FP	MI-COM IC		
IC4			BA6790FP	ANALOGUE IC		
IC5			TA78L05F	IC(VOLTAGE REGULATOR/ +5V)		
IC6			NJM4565MD	IC(OP AMP X2)		
Q1			2SA1362(Y)	TRANSISTOR		
Q2			DTC124EK	DIGITAL TRANSISTOR		
Q3 ,4			2SA1362(Y)	TRANSISTOR		
Q5			DTC124EK	DIGITAL TRANSISTOR		
Q6			2SA1037K	TRANSISTOR		
Q12			DTC124EK	DIGITAL TRANSISTOR		
DAUGHTER UNIT (X89-2362-70)						
CN1			E40-9596-05	SOCKET FOR PIN ASSY		
J1			E58-0865-05	RECTANGULAR RECEPTACLE		
R1			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R2			RK73EB2B241J	CHIP R 240 J 1/8W		
R3			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R4			RK73EB2B222J	CHIP R 2.2K J 1/8W		
R5 -8			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R9			RK73EB2B471J	CHIP R 470 J 1/8W		
R10			RK73EB2B102J	CHIP R 1.0K J 1/8W		
S1			S70-0841-05	TACT SWITCH		
MECHANISM ASS'Y (X92-3120-00)						
401	2A	*	A10-4224-41	CHASSIS		
402	1B	*	A10-4225-33	CHASSIS CALKING ASSY		
403	2B	*	A11-0915-23	SUB CHASSIS CALKING ASSY		
405A	2A	*	D10-4038-23	ARM ASSY		
406	2A	*	D10-3083-44	ARM ASSY		
407	2A	*	D10-3084-44	ARM ASSY		
408	3A	*	D10-3087-44	ARM ASSY		
409	3B		D10-3092-03	SLIDER		
410	3B		D10-3093-04	SLIDER ASSY		
411	2B		D10-3095-04	SLIDER ASSY		
412	2B		D10-3096-04	SLIDER ASSY		
413	1A	*	D10-3099-24	SLIDER ASSY		
414	1A		D10-3100-04	SLIDER ASSY		
415	2A	*	D10-4123-14	LEVER ASSY		
416	1B		D10-4004-04	LEVER ASSY		
417	1B		D10-4006-04	LEVER		
418	1A		D10-4007-04	LEVER		
419	2B		D10-4008-04	LEVER		
420	2A	*	D10-4009-23	ARM		
421	3A		D10-4010-04	LEVER		
422	3A		D10-4011-34	LEVER ASSY		
423	3A	*	D10-4013-14	ARM ASSY		
424	3B		D10-4050-04	ARM		
427	3B	*	D13-1340-13	RACK (GEAR)		
429	3B		D13-1231-04	GEAR		
430	3A		D13-1232-04	GEAR		
431	3B		D13-1233-04	GEAR		
432	3B	*	D13-1234-14	GEAR ASSY		

MECHANISM ASS'Y (X92-3120-00)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向	Remarks 備考
433	3A		D13-1238-03	GEAR		
434	3B		D13-1240-04	GEAR		
435	3B		D13-1241-04	GEAR		
436	3B		D13-1242-04	GEAR		
437	1B		D13-1243-04	GEAR		
438	1B		D13-1244-04	GEAR		
439	1B	*	D13-1245-14	GEAR		
440	2A		D13-1246-04	GEAR		
441	2B		D13-1247-04	GEAR		
443	2B		D13-1249-04	GEAR ASSY		
445	1B		D14-0668-04	ROLLER		
446	2A		D14-0670-04	ROLLER		
447	3B		D14-0674-04	ROLLER		
448	2B		D13-1341-04	GEAR ASSY		
449	3A		D21-2228-04	SHAFT		
450	1A		D21-2229-04	SHAFT		
451	1A	*	D23-0925-24	RETAINER		
452	2A		D32-0614-04	STOPPER		
453	1B	*	D39-0223-05	DAMPER		
454	2B		D39-0224-05	DAMPER		
455	3B	*	F09-1246-04	SHEET		
458	3B	*	F09-1266-14	SHEET		
460	2A		G01-2770-04	EXTENSION SPRING		
461	3A		G01-2771-04	EXTENSION SPRING		
462	3A	*	G01-2772-24	EXTENSION SPRING		
463	3A	*	G01-2773-14	EXTENSION SPRING		
464	3A	*	G01-2774-34	EXTENSION SPRING		
465	1B		G01-2775-04	TORSION COIL SPRING		
466	1B	*	G01-2776-14	TORSION COIL SPRING		
467	3B	*	G01-2777-14	TORSION COIL SPRING		
469	2A	*	G01-2844-04	EXTENSION SPRING		
470	2A		G02-1231-04	FLAT SPRING		
471	2B	*	G02-1232-14	FLAT SPRING		
472	2A		G02-1241-24	FLAT SPRING		
475	2A	*	J11-0613-13	CLAMPER		
476	3A	*	J19-4678-13	HOLDER		
477	2B	*	J19-4679-24	HOLDER		
478	3B	*	J21-7684-13	MOUNTING HARDWARE		
479	2B	*	J21-7686-13	MOUNTING HARDWARE		
480	1B		J21-7690-03	MOUNTING HARDWARE		
481	3A		J31-1032-04	COLLAR		
482	3A		J84-0060-15	FLEXIBLE PRINTED WIRING BOARD		
483	1A	*	J90-0757-22	GUIDE		
A	2A	*	N09-4249-05	MACHINE SCREW (M1.7X2.5,LOCK)		
B	1B		N09-4172-05	TAPPING SCREW (2X3.5,ｺﾊﾞﾝ)		
C	2B		N09-4202-05	STEPPED SCREW		
D	2A		N38-2020-46	PAN HEAD MACHIN SCREW		
F	3B		N19-2023-04	FLAT WASHER		
G	2A		N19-2058-04	FLAT WASHER		
H	3A	*	N19-2093-04	FLAT WASHER		
DM1	3B	*	T42-0764-04	MOTOR ASSY		
DM2	3B		T42-0763-04	MOTOR ASSY		
DPU1	2B		T25-0209-05	OPTICAL PICKUP HEAD		

⚠ indicates safety critical components.

E3: KDC-5070R **E4:** KDC-5070RY

KDC-5070R/RY

SPECIFICATIONS

FM tuner section

Frequency Range (50 kHz Space)	87.5MHz-108.0MHz
Usable Sensitivity (S/N: 26dB)	0.7 µV/75 Ω
Quieting Sensitivity (S/N: 46dB)	1.6 µV/75 Ω
Frequency Response (±3.0dB)	30Hz-15kHz
Signal to Noise ratio	65dB(MONO)
Selectivity (DIN)	≥ 80 dB(±400 kHz)
Stereo Separation	35dB(1kHz)

MW tuner section

Frequency Range (9 kHz space)	531kHz-1611kHz
Usable Sensitivity (S/N: 20dB)	25 µV

LW tuner section

Frequency Range	153kHz-281kHz
Usable Sensitivity (S/N: 20dB)	45 µV

CD player section

Laser diode	GaAlAs (λ=780 nm)
Digital filter (D/A)	8 Times OverSampling
D/A Converter	1 Bit
Spindle speed	500 – 200 rpm (CLV)
Wow & Flutter	Below Mesurable Limit
Frequency response	10Hz - 20kHz (±1 dB)
Total harmonic distortion	0.01%(1kHz)
Signal to Noise ratio	93dB(1kHz)
Dynamic range	93dB
Channel separation	85dB

Audio section

Maximum output power	
KDC-5070R	40
Full Bandwidth Power (DIN45324,+B=14.4V)	
KDC-5070R	25
Tone action	
Bass	100Hz ±1
Treble	10kHz ±1
Preout Level(mV)/Load	1800mV/1(
	(during disc changer mo
Preout Impedance	≤6(

General

Operating voltage (11 - 16V allowable)	14
Current Consumption	
Installation Size (W x H x D)	182 x 53 x 160
Weight	15

These specifications and designs are subject to change without notice to reflect technological developmer

KENWOOD CORPORATION
14-6, Dogenzaka 1-chome, Shibuya-ku, Tokyo, 150 Japan

KENWOOD SERVICE CORPORATION
P.O. BOX 22745, 2201 East Dominguez Street,
Long Beach, CA 90801-5745 U.S.A.

KENWOOD ELECTRONICS CANADA INC.
6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

KENWOOD ELECTRONICS LATIN AMERICA S.A.
P.O. BOX 55-2791, Piso 6, Plaza Chase, Cl. 47 y,
Aquilino de la Guardia, Panama, Republic of Panama

KENWOOD ELECTRONICS BRASIL LTDA.
Avenida,Indianópolis, 628, 04062-001 Pianalto Paulista,
São Paulo-SP-Brasil

KENWOOD ELECTRONICS UK LIMITED
KENWOOD House, Dwight Road, Watford,
Herts, WD1 8EB, United Kingdom

KENWOOD ELECTRONICS DEUTSCHLAND GMBH
Rembrücker-Str. 15, 63150 Heusenstamm, Germany

KENWOOD ELECTRONICS FRANCE S.A.
13, Boulevard Ney, 75018 Paris, France

KENWOOD ELECTRONICS BELGIUM N.V.
Mechelsesteenweg 418, B-1930 Zaventem, Belgium

KENWOOD ELECTRONICS ITALIA S.p.A.
Via G. Sirtori 7/9, 20129 Milano, Italy

KENWOOD IBÉRICA S.A.
Bolivia, 239-08020 Barcelona, Spain

KENWOOD ELECTRONICS AUSTRALIA PTY. LTD.
(A.C.N. 001 499 074)
8 Figtree Drive, Australia Centre, Homebush, N.S.W. 2140, Australia

KENWOOD & LEE ELECTRONICS LTD.
Unit 3712-3724, Level 37, Tower 1, Metroplaza,
223 Hing Fong Road, Kwai Fong, N.T., Hong Kong

KENWOOD ELECTRONICS GULF FZE
P.O. BOX 61318, Jebel Ali, Dubai, U.A.E.

KENWOOD ELECTRONICS (THAILAND) CO.,LTD.
573/111 Soi Ramkhamhaeng 39, Ramkhamhaeng Road,
Wangthonglang, Bangkapi, Bangkok, 10310 Thailand

KENWOOD ELECTRONICS SINGAPORE PTE. LTD.
1 Genting Lane,# 07-00, KENWOOD Building Singapore 349544

KENWOOD ELECTRONICS (MALAYSIA) SDN BHD
#4.01 Level 4, Wisma Academy, Lot 4A, Jalan 19/1,
46300 Petaling Jaya, Selangor , Malaysia